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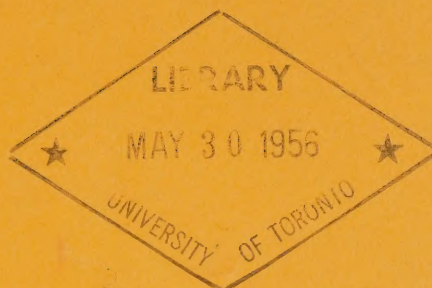
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CANADA



# CONSTRUCTION IN CANADA

1954 - 1956 - 1973

DOMINION BUREAU OF STATISTICS

General Assignments Division

Forecast Surveys Section





DOMINION BUREAU OF STATISTICS

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CONSTRUCTION IN CANADA

1954-1956 - 1973

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The Right Honourable C. D. Howe, Minister of Trade and Commerce





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# CONSTRUCTION IN CANADA

1954-1956

## INTRODUCTION

This report provides statistics on various aspects of construction activity in Canada for 1954 and 1955 together with estimates of the intended program for 1956. The figures for 1954 and earlier years are final while those for 1955 are preliminary and will be revised in the next annual report. The probable volume of construction that will be realized in 1956 can be appraised only in the light of past experience and conditions that will exist during the year. Since 1949, the estimates of intended construction for the current year have been from 3 per cent to 8 per cent lower than the final estimates prepared after the year was over, except in 1954 when the program fell short by 2 per cent of the intentions. In 1955, the estimate of the intended construction program was about 5 per cent lower than the preliminary estimate of work put in place during the year. The more detailed estimates are subject to greater error than the total for Canada.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a great many difficulties. Changing plans and problems of respondents in estimating accurately the cost of the structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources

as that used in "Private and Public Investment in Canada, Outlook 1956", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 71 different types of structures, such as: factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway track lines. Also included are statistics on average numbers employed, salaries and wages paid and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

Prior to 1951, construction statistics of the type shown in this report were obtained from questionnaires received mainly from construction contractors. Because of the fact that these statistics are compiled from other sources and by different methods, they are not directly comparable with those contained in the reports entitled "The Construction Industry in Canada" the last of which covered the year 1950. A more detailed explanation of the differences in the two series is given in the statistical notes of the 1953-55 "Construction in Canada" report.

## GENERAL REVIEW<sup>1</sup>

The value of the intended construction program in Canada in 1956 is estimated at 19 per cent above the 1955 level. It is expected that nearly all the increase will be in industrial building and construction of an engineering type. Projects such as the St. Lawrence Seaway development and the gas pipe line to the Pacific Coast will add greatly to the volume of engineering construction. Residential building is anticipated to remain about the same level as in 1955.

The extent to which the planned construction program will be realized will depend upon a number of factors including the availability of building material, particularly steel and cement, funds for investment and, to some extent, skilled construction workers.

1. For a more detailed discussion of the outlook for the construction program and factors likely to affect the realization, see **Private and Public Investment in Canada, Outlook 1956**, Department of Trade and Commerce.



### Value of Construction

The total construction program in 1956 is estimated at \$6,271 million, indicating an increase of 19 per cent over the 1955 accomplishment of \$5,286 million. New work will account for \$5,161 million and repair \$1,110 million. In dollar terms, the \$985 million rise in 1956 over 1955 would be the largest in the post war years, and represent the largest percentage increase since 1948. Total construction in 1954 amounted to \$4,723 million, 1.8 per cent over 1953. In 1955, the construction program advanced 11.9 per cent over the previous year, reaching \$5,286 million.

Year	Total new and repair construction \$ Mill.	% Increase over previous year in	
		Value	Volume
1947 .....	2,016	25.5	—
1948 .....	2,571	27.5	12.2
1949 .....	2,856	11.1	7.1
1950 .....	3,132	9.7	4.1
1951 .....	3,661	16.9	3.9
1952 .....	4,199	14.7	8.2
1953 .....	4,640	10.5	6.8
1954 .....	4,723	1.8	1.8
1955 .....	5,286	11.9	7.8
1956 .....	6,271	18.6	—

### Volume of Construction

The volume of new construction carried out in 1954 increased 1 per cent over the previous year. Preliminary estimates for 1955 indicate a 12 per cent rise over 1954, bringing the volume of construction to a new high in post war years, of \$3,206 million expressed in constant (1949) dollars. Repair construction expenditures increased 5 per cent in 1954 to \$787 million but decreased 4 per cent in

1955. The importance of the construction industry in the economy of the country is illustrated by the fact that it continues to account for more than 18 per cent of Gross National Product. In 1954 the total construction program accounted for 18.5 per cent of the Gross National Product, and decreased slightly to 18.4 per cent in 1955.

TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars, 1947-1956<sup>1</sup>

	New		Repair		Total		Total construction as percentage of gross national product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	\$ Mill						Percent	
1947 <sup>2</sup> .....	1,424	1,681	592	696	2,016	2,377	14.6	15.4
1948 <sup>2</sup> .....	1,877	1,947	694	720	2,571	2,667	16.5	17.0
1949 .....	2,124	2,124	732	732	2,856	2,856	17.3	17.5
1950 .....	2,366	2,247	766	727	3,132	2,974	17.2	17.2
1951 .....	2,734	2,308	927	783	3,661	3,091	17.0	16.9
1952 .....	3,282	2,616	916	730	4,198	3,346	18.0	17.1
1953 .....	3,666	2,824	974	749	4,640	3,573	19.0	17.6
1954 .....	3,700	2,852	1,023	787	4,723	3,639	19.6	18.5
1955 .....	4,274	3,200	1,012	755	5,286	3,955	19.9	18.4
1956 .....	5,161	—	1,110	—	6,271	—	—	—

1. Actual 1947-54, Preliminary Actual 1955, Intentions 1956.
2. Newfoundland not included in these years.

### Value of Work Done by Contract

The estimates in the following table indicate that an increased proportion of total construction went to contractors in 1955 as compared with the previous three years and that a further slight increase is expected in 1956. From 1952 to 1954 contractors accounted for about 72 per cent of the work, whereas in 1955 and 1956 their share is estimated to be 76 per cent and 77 per cent respectively. New construction performed by contractors increased 1

per cent in 1954 from \$2,995 million in 1953. In 1955 18 per cent more work was performed by contractors and in 1956 estimates indicate that 20 per cent more work will be carried out by contract. In 1954, 81 per cent of all new work was performed by contractors. In 1955 this amount increased to 84 per cent and it is estimated that in 1956, again 84 per cent of all new construction will be built by contract.

**TABLE 2. Value of Construction Work Performed, by Contractors and Others, 1952-1956<sup>1</sup>**  
(Millions of dollars)

	Contract Construction			Other Construction <sup>2</sup>			Total Construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
1952 .....	2,641	386	3,027	641	530	1,171	3,282	916	4,198
1953 .....	2,996	363	3,359	670	611	1,281	3,666	974	4,640
1954 .....	3,011	371	3,382	689	652	1,341	3,700	1,023	4,723
1955 .....	3,598	409	4,007	676	603	1,279	4,274	1,012	5,286
1956 .....	4,359	439	4,798	802	671	1,473	5,161	1,110	6,271

1. Actual 1952-54, Preliminary Actual 1955, Intentions 1956.

2. Represents work done by the labour forces of utilities, manufacturing, mining and logging firms and government departments, home owner-builders and other persons or firms not primarily engaged in the Construction Industry.

### Principal Types of Construction

Most of the increase in construction in 1956 is expected to occur in engineering construction according to the figures in Table 3. The largest advances occur in gas and oil facilities which show an increase of \$149 million and electric power construction which is expected to be up by \$131 million, although all engineering categories register increases.

In building construction, industrial building estimated at \$554 million in 1956 is expected to show the largest increase over 1955 which was estimated at \$409 million. All other categories, however, show substantial gains. Housing continues to account for about 30 percent of total construction, 29.6 per cent in 1954, 32.8 per cent in 1955 and 29.1 per cent in 1956.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction, 1952-1956<sup>1</sup>**

	1952		1953		1954		1955		1956	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total Construction .....</b>	<b>4,199</b>	<b>100.0</b>	<b>4,640</b>	<b>100.0</b>	<b>4,723</b>	<b>100.0</b>	<b>5,286</b>	<b>100.0</b>	<b>6,271</b>	<b>100.0</b>
<b>Total Building Construction .....</b>	<b>2,411</b>	<b>57.4</b>	<b>2,812</b>	<b>60.6</b>	<b>2,914</b>	<b>61.7</b>	<b>3,374</b>	<b>63.8</b>	<b>3,746</b>	<b>59.7</b>
Residential .....	1,029	24.5	1,297	27.9	1,400	29.6	1,734	32.8	1,826	29.1
Industrial .....	422	10.0	402	8.7	364	7.7	409	7.7	554	8.8
Commercial .....	326	7.8	502	10.8	546	11.6	530	10.0	600	9.6
Institutional .....	314	7.5	343	7.4	377	8.0	461	8.7	509	8.1
Other .....	320	7.6	268	5.8	227	4.8	240	4.6	257	4.1
<b>Total Engineering .....</b>	<b>1,788</b>	<b>42.6</b>	<b>1,828</b>	<b>39.4</b>	<b>1,809</b>	<b>38.3</b>	<b>1,912</b>	<b>36.2</b>	<b>2,525</b>	<b>40.3</b>
Marine Construction .....	70	1.7	76	1.6	72	1.5	77	1.5	137	2.2
Road, Highway and Aerodrome Construction .....	488	11.6	457	9.9	473	10.0	508	9.6	596	9.5
Waterworks and Sewage Systems ..	136	3.2	135	2.9	183	3.9	182	3.4	209	3.3
Dams and Irrigation .....	66	1.6	66	1.4	33	0.7	30	0.6	59	1.0
Electric Power Construction .....	386	9.2	338	7.3	322	6.8	328	6.2	459	7.3
Railway, Telephone and Telegraph Construction .....	279	6.7	317	6.8	295	6.3	311	5.9	386	6.2
Gas and Oil Facilities .....	215	5.1	253	5.5	270	5.7	310	5.9	459	7.3
Other Engineering Construction .....	148	3.5	186	4.0	161	3.4	166	3.1	220	3.5

1. Actual 1952-54, Preliminary Actual 1955, Intentions 1956.

### Employment, Salaries and Wages Paid and Cost of Materials Used

It is estimated that it will require an average of 648,545 employees to carry out the 1956 intended construction program. This would represent an increase of close to 100,000 additional employees

over the total of 550,230 during 1955. Construction workers in 1956 would earn about \$2,181 million as compared with an estimated \$1,832 million in 1955.



**TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1952-1956<sup>1</sup>**  
( Thousands of dollars)

Type of structure	1952	1953	1954	1955	1956
<b>Total Value of Construction</b> .....	<b>4, 198, 621</b>	<b>4, 639, 645</b>	<b>4, 723, 367</b>	<b>5, 285, 551</b>	<b>6, 270, 829</b>
<b>Total Building Construction</b> .....	<b>2, 410, 902</b>	<b>2, 812, 112</b>	<b>2, 913, 891</b>	<b>3, 373, 622</b>	<b>3, 746, 262</b>
<b>Residential</b> .....	<b>1, 029, 000</b>	<b>1, 297, 300</b>	<b>1, 399, 900</b>	<b>1, 733, 700</b>	<b>1, 825, 800</b>
1 Dwellings, single, double, duplexes and apartments .....	1,029,000	1,297,300	1,399,900	1,733,700	1,825,800
<b>Industrial</b> .....	<b>421, 853</b>	<b>401, 775</b>	<b>364, 476</b>	<b>408, 975</b>	<b>553, 616</b>
2 Factories, plants, workshops, food canneries .....	361,694	332,487	301,338	348,594	460,769
3 Mine and mine mill buildings .....	24,648	33,374	31,630	33,963	59,408
4 Railway stations, offices, roadway buildings .....	17,808	19,746	17,070	15,607	19,315
5 Railway shops, engine houses, water and fuel stations .....	17,703	16,168	14,438	10,811	14,124
<b>Commercial</b> .....	<b>325, 945</b>	<b>501, 781</b>	<b>546, 339</b>	<b>529, 748</b>	<b>600, 236</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	71,924	115,726	93,641	81,448	99,400
7 Grain elevators .....	14,805	18,956	19,118	14,959	17,431
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	33,920	34,513	30,690	29,711	41,327
9 Office buildings .....	82,660	134,153	172,968	167,386	194,683
10 Stores, retail and wholesale .....	66,083	153,015	174,607	179,024	176,146
11 Garages and service stations .....	35,841	28,564	35,940	38,882	49,121
12 Theatres, arenas, amusement and recreational buildings .....	19,064	14,393	17,521	15,359	20,630
13 Laundries and dry cleaning establishments .....	1,648	2,461	1,854	2,979	1,498
<b>Institutional</b> .....	<b>314, 372</b>	<b>343, 091</b>	<b>376, 532</b>	<b>461, 334</b>	<b>509, 551</b>
14 Schools and other educational buildings .....	152,201	156,161	175,734	224,424	244,773
15 Churches and other religious buildings .....	31,225	33,308	38,466	41,761	52,404
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	93,539	121,068	121,515	146,116	149,678
17 Other institutional buildings .....	37,407	32,554	40,817	49,033	62,696
<b>Other Building Construction</b> .....	<b>319, 732</b>	<b>268, 165</b>	<b>226, 644</b>	<b>239, 865</b>	<b>257, 059</b>
18 Farm buildings (excluding dwellings) .....	130,036	135,167	130,860	135,740	141,592
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	60,288	30,388	20,235	20,543	24,286
20 Aeroplane hangars .....	23,366	32,920	12,178	11,003	15,296
21 Passenger terminals, bus, boat or air .....	676	1,737	1,031	696	869
22 Armouries, barracks, drill halls, etc. ....	85,001	44,022	35,886	37,016	41,730
23 Bunkhouses, dormitories, camp cookeries, bush depot and camps .....	19,437	12,794	10,722	19,327	17,108
24 Other building construction .....	928	11,137	15,732	15,540	16,178
<b>Total Engineering Construction</b> .....	<b>1, 787, 719</b>	<b>1, 827, 533</b>	<b>1, 809, 476</b>	<b>1, 911, 929</b>	<b>2, 524, 567</b>
<b>Marine Construction</b> .....	<b>70, 111</b>	<b>76, 061</b>	<b>72, 443</b>	<b>77, 212</b>	<b>137, 262</b>
25 Docks, wharves, piers, breakwaters .....	38,731	45,826	39,606	35,486	51,887
26 Retaining walls, embankments, riprapping .....	3,309	5,465	2,390	2,208	2,371
27 Canals and waterways .....	9,170	3,569	6,373	11,388	38,932
28 Dredging and pile driving .....	12,750	9,015	17,025	20,270	35,850
29 Dyke construction .....	2,518	6,313	1,281	1,072	873
30 Logging booms .....	1,993	1,904	1,519	4,148	3,074
31 Other marine construction .....	1,640	3,969	4,249	2,640	4,095

1. Actual 1952-1954, Preliminary Actual 1955, Intentions 1956.

**TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1952-1956<sup>1</sup> - Concluded**  
(Thousands of dollars)

Type of structure	1952	1953	1954	1955	1956
<b>Road, Highway and Aerodrome Construction</b> .....	<b>487,917</b>	<b>457,130</b>	<b>473,424</b>	<b>508,113</b>	<b>596,256</b>
32 Hard surface or paved streets, highways, parking lots, etc. ....	197,271	190,456	207,575	223,362	259,409
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	114,988	122,352	129,228	141,496	162,028
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	34,823	26,760	33,431	40,288	52,350
35 Grading, scraping, oiling, filling .....	97,723	64,314	73,483	74,420	93,300
36 Sidewalks, paths .....	19,056	21,226	22,074	20,952	20,963
37 Aerodromes, landing fields, runways, tarmac .....	24,056	32,022	7,633	7,595	8,206
<b>Waterworks and Sewage Systems</b> .....	<b>135,713</b>	<b>134,967</b>	<b>183,457</b>	<b>182,307</b>	<b>208,811</b>
38 Tile drains, drainage ditches, storm sewers .....	19,291	18,159	30,127	30,810	33,589
39 Water mains, hydrants and services .....	55,321	59,267	71,289	69,564	80,482
40 Sewage systems and connections .....	49,990	51,896	73,990	73,811	77,503
41 Pumping stations, water .....	6,827	4,561	3,753	5,172	15,205
42 Water storage tanks .....	4,284	1,084	4,298	2,950	2,032
<b>Dams and Irrigation</b> .....	<b>66,220</b>	<b>65,695</b>	<b>32,845</b>	<b>29,393</b>	<b>59,248</b>
43 Dams and reservoirs .....	48,766	46,845	20,911	16,333	45,565
44 Irrigation and land reclamation projects .....	17,454	18,850	11,934	13,060	13,683
<b>Electric Power Construction</b> .....	<b>385,679</b>	<b>338,054</b>	<b>321,870</b>	<b>328,425</b>	<b>458,472</b>
45 Electric power generating plants, including water conveying and controlling structures .....	383,684	331,202	153,041	152,066	238,612
46 Electric transformer stations .....			16,295	23,517	33,395
47 Power transmission and distribution lines, trolley wires .....			146,884	147,259	180,144
48 Street lighting <sup>2</sup> .....	1,995	6,852	5,650	5,583	6,321
<b>Railway, Telephone and Telegraph</b> .....	<b>279,186</b>	<b>316,542</b>	<b>294,824</b>	<b>310,642</b>	<b>386,238</b>
49 Railway tracks and roadbed .....	184,211	209,459	185,162	194,600	255,491
50 Signals and interlockers .....	9,725	9,425	8,232	5,254	7,485
51 Telegraph and telephone lines, underground and marine cables .....	85,250	97,658	101,430	110,788	123,262
<b>Gas and Oil Facilities</b> .....	<b>214,967</b>	<b>253,117</b>	<b>269,787</b>	<b>309,572</b>	<b>458,367</b>
52 Gas mains and services .....	—	8,813	7,313	14,014	31,434
53 Pumping stations, oil .....	10,953	9,098	8,669	3,662	3,538
54 Pumping stations, gas .....	284	371	1,048	423	335
55 Oil storage tanks .....	14,453	17,519	15,944	16,370	18,006
56 Gas storage tanks .....	4,710	4,599	3,139	1,287	1,464
57 Oil pipe lines .....	66,621	58,055	49,520	18,033	15,987
58 Gas pipe lines .....	8,485	9,265	14,254	22,687	129,186
59 Oil wells .....	66,801	72,695	89,777	119,727	142,482
60 Gas wells .....	7,177	12,567	8,518	16,100	23,472
61 Oil refinery - processing units .....	34,617	58,926	68,451	94,994	84,921
62 Natural gas cleaning plants .....	866	1,209	3,154	2,275	7,542
<b>Other Engineering Construction</b> .....	<b>147,926</b>	<b>185,967</b>	<b>160,826</b>	<b>166,265</b>	<b>219,913</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	61,332	67,571	78,243	84,962	112,529
64 Tunnels and subways .....	20,604	40,345	8,011	4,295	5,657
65 Incinerators .....	2,563	2,209	5,552	4,557	4,511
66 Park systems, landscaping, sodding, etc. ....	8,911	9,260	9,929	7,164	7,588
67 Swimming pools, tennis courts, outdoor recreation facilities .....	1,789	3,938	5,636	4,827	4,992
68 Mine shafts and other below surface workings .....	15,517	24,296	22,270	25,001	47,388
69 Fences, snowsheds, signs, guard rails .....	15,541	17,567	16,785	15,835	17,428
70 Other engineering construction .....	21,669	20,781	14,400	19,624	19,820

1. Actual 1952-1954, Preliminary Actual 1955, Intentions 1956.  
2. A portion of this item is included in Items 45, 46 and 47 in 1952.



TABLE 5. Average Numbers Employed, Salaries and Wages Paid and Cost of Materials Used 1952-1956<sup>1</sup>  
By Provinces

Province	Average number of employees <sup>2</sup>	Salaries and wages paid <sup>2</sup>	Cost of materials used	Value of work performed
	No.		\$(000)	
<b>Canada:</b>				
1952 .....	477,953	1,453,894	2,221,918	4,198,621
1953 .....	509,497	1,626,611	2,185,613	4,639,645
1954 .....	512,852	1,656,074	2,194,810	4,723,367
1955 .....	550,230	1,831,910	2,464,200	5,285,551
1956 .....	648,545	2,180,928	2,918,935	6,270,829
<b>Newfoundland:</b>				
1952 .....	9,771	25,154	37,932	74,370
1953 .....	8,973	27,623	30,298	68,118
1954 .....	9,755	26,548	30,702	67,372
1955 .....	11,026	30,607	35,152	79,022
1956 .....	12,181	33,688	39,001	87,325
<b>Prince Edward Island:</b>				
1952 .....	1,962	4,272	6,352	12,747
1953 .....	2,007	4,211	7,398	14,222
1954 .....	2,229	4,862	5,900	15,589
1955 .....	2,519	5,661	7,102	18,503
1956 .....	2,516	5,691	7,288	18,571
<b>Nova Scotia:</b>				
1952 .....	17,870	43,617	64,754	119,696
1953 .....	19,898	50,985	68,550	141,184
1954 .....	18,915	49,227	62,510	136,018
1955 .....	18,205	49,538	64,934	140,452
1956 .....	19,740	53,731	69,643	150,801
<b>New Brunswick:</b>				
1952 .....	13,872	32,173	48,021	88,582
1953 .....	15,338	37,110	52,775	105,227
1954 .....	14,820	38,210	59,795	110,975
1955 .....	18,581	49,289	81,101	149,337
1956 .....	22,072	59,011	98,039	180,482
<b>Quebec:</b>				
1952 .....	134,427	388,492	542,192	1,052,287
1953 .....	133,598	398,134	537,622	1,124,040
1954 .....	133,621	408,934	559,341	1,160,447
1955 .....	148,670	465,276	648,775	1,342,902
1956 .....	164,771	516,217	720,499	1,491,212
<b>Ontario:</b>				
1952 .....	157,666	491,324	778,800	1,458,283
1953 .....	171,638	558,757	744,621	1,597,331
1954 .....	180,877	601,469	792,362	1,699,764
1955 .....	187,868	644,877	861,154	1,841,670
1956 .....	221,936	763,874	1,013,313	2,172,326
<b>Manitoba:</b>				
1952 .....	25,740	71,270	102,194	198,690
1953 .....	28,894	79,369	122,620	245,760
1954 .....	27,037	82,293	116,945	240,977
1955 .....	27,013	85,475	124,327	254,366
1956 .....	32,343	102,727	148,514	305,057

**TABLE 5. Average Numbers Employed, Salaries and Wages Paid and Cost of Materials Used 1952-1956<sup>1</sup>**  
By Provinces - Concluded

Province	Average number of employees <sup>2</sup>	Salaries and wages paid <sup>2</sup>	Cost of materials used	Value of work performed
	No.		\$(000)	
<b>Saskatchewan:</b>				
1952.....	22, 233	65, 259	112, 683	200, 761
1953.....	25, 187	76, 390	114, 996	235, 195
1954.....	30, 333	99, 377	125, 626	291, 521
1955.....	29, 165	98, 122	123, 651	287, 336
1956.....	31, 366	105, 187	131, 354	300, 588
<b>Alberta:</b>				
1952.....	44, 660	141, 164	283, 610	479, 232
1953.....	50, 184	177, 422	264, 628	556, 008
1954.....	50, 609	171, 399	247, 360	550, 258
1955.....	53, 183	186, 066	267, 469	599, 328
1956.....	64, 302	225, 643	323, 675	724, 923
<b>British Columbia:</b>				
1952.....	49, 752	191, 169	245, 380	513, 973
1953.....	53, 780	216, 610	242, 105	552, 560
1954.....	44, 656	173, 755	194, 269	450, 446
1955.....	54, 000	216, 999	250, 535	572, 635
1956.....	77, 318	315, 159	367, 609	839, 544

1. Actual 1952-54, Preliminary Actual 1955, Intentions 1956.

2. 1952 contractors data includes working owners and proprietors and their withdrawals.

**TABLE 6. Average Numbers Employed, Salaries and Wages Paid and Cost of Materials Used 1952-1956<sup>1</sup>**  
By Contractors and Others

Type	Average number of employees <sup>2</sup>	Salaries and wages paid <sup>2</sup>	Cost of materials used	Value of work performed
	No.		\$(000)	
<b>Total:</b>				
1952.....	477, 953	1, 453, 894	2, 221, 918	4, 198, 621
1953.....	509, 497	1, 626, 611	2, 185, 613	4, 639, 645
1954.....	512, 852	1, 656, 074	2, 194, 810	4, 723, 367
1955.....	550, 230	1, 831, 910	2, 464, 200	5, 285, 551
1956.....	648, 545	2, 180, 928	2, 918, 935	6, 270, 829
<b>Contractors:</b>				
1952.....	295, 991	969, 094	1, 617, 129	3, 027, 205
1953.....	317, 326	1, 085, 667	1, 588, 109	3, 358, 410
1954.....	316, 191	1, 077, 312	1, 599, 498	3, 381, 630
1955.....	366, 743	1, 279, 791	1, 897, 483	4, 006, 284
1956.....	437, 163	1, 540, 473	2, 268, 631	4, 797, 806
<b>Utilities:</b>				
1952.....	77, 842	214, 597	249, 136	499, 797
1953.....	79, 870	233, 692	263, 128	540, 341
1954.....	77, 137	243, 910	244, 013	537, 576
1955.....	72, 245	234, 874	235, 477	517, 823
1956.....	91, 434	298, 214	297, 329	656, 251
<b>Governments:</b>				
1952.....	55, 772	138, 172	152, 932	305, 954
1953.....	56, 640	148, 278	131, 529	318, 278
1954.....	68, 724	179, 767	141, 983	383, 558
1955.....	63, 862	171, 850	134, 221	361, 156
1956.....	68, 952	185, 434	142, 977	388, 725
<b>Others:</b>				
1952.....	48, 348	132, 031	202, 721	365, 665
1953.....	55, 661	158, 974	202, 847	422, 616
1954.....	50, 800	155, 085	209, 316	420, 603
1955.....	47, 380	145, 395	197, 019	400, 288
1956.....	50, 996	156, 807	209, 998	428, 047

1. Actual 1952-54, Preliminary Actual 1955, Intentions 1956.

2. 1952 contractors data includes working owners and proprietors and their withdrawals.

VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1954-1956<sup>1</sup>

TABLE 7. By Type of Structure New and Repair  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>3, 700, 101</b>	<b>1, 023, 266</b>	<b>4, 723, 367</b>	<b>4, 273, 296</b>	<b>1, 012, 255</b>	<b>5, 285, 551</b>	<b>5, 161, 202</b>	<b>1, 109, 627</b>	<b>6, 270, 829</b>
<b>Total Building Construction .....</b>	<b>2, 377, 883</b>	<b>536, 008</b>	<b>2, 913, 891</b>	<b>2, 818, 658</b>	<b>554, 964</b>	<b>3, 373, 622</b>	<b>3, 161, 880</b>	<b>584, 382</b>	<b>3, 746, 262</b>
<b>Residential .....</b>	<b>1, 178, 000</b>	<b>221, 900</b>	<b>1, 399, 900</b>	<b>1, 495, 700</b>	<b>238, 000</b>	<b>1, 733, 700</b>	<b>1, 573, 500</b>	<b>252, 300</b>	<b>1, 825, 800</b>
1 Dwellings, single, double, duplexes and apartments .....	1, 178, 000	221, 900	1, 399, 900	1, 495, 700	238, 000	1, 733, 700	1, 573, 500	252, 300	1, 825, 800
<b>Industrial .....</b>	<b>262, 405</b>	<b>102, 071</b>	<b>364, 476</b>	<b>304, 880</b>	<b>104, 095</b>	<b>408, 975</b>	<b>443, 473</b>	<b>110, 143</b>	<b>553, 616</b>
2 Factories, plants, workshops, food canneries .....	223, 788	77, 550	301, 338	270, 534	78, 060	348, 594	380, 326	80, 443	460, 769
3 Mine and mine mill buildings .....	25, 275	6, 355	31, 630	26, 481	7, 482	33, 963	51, 535	7, 873	59, 408
4 Railway stations, offices, roadway buildings .....	7, 611	9, 459	17, 070	4, 373	11, 234	15, 607	6, 863	12, 452	19, 315
5 Railway shops, engine houses, water and fuel stations .....	5, 731	8, 707	14, 438	3, 492	7, 319	10, 811	4, 749	9, 375	14, 124
<b>Commercial .....</b>	<b>462, 746</b>	<b>83, 593</b>	<b>546, 339</b>	<b>450, 402</b>	<b>79, 346</b>	<b>529, 748</b>	<b>522, 405</b>	<b>77, 831</b>	<b>600, 236</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	83, 364	10, 277	93, 641	71, 289	10, 159	81, 448	88, 086	11, 314	99, 400
7 Grain elevators .....	13, 710	5, 408	19, 118	9, 844	5, 115	14, 959	12, 447	4, 984	17, 431
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	19, 393	11, 297	30, 690	19, 428	10, 283	29, 711	31, 106	10, 221	41, 327
9 Office buildings .....	149, 659	23, 309	172, 968	144, 925	22, 461	167, 386	173, 031	21, 652	194, 683
10 Stores, retail and wholesale .....	150, 095	24, 512	174, 607	150, 619	22, 405	179, 024	154, 817	21, 329	176, 146
11 Garages and service stations .....	30, 320	5, 620	35, 940	32, 614	6, 268	38, 882	43, 016	6, 105	49, 121
12 Theatres, arenas, amusement and recreational buildings .....	15, 189	2, 332	17, 521	13, 546	1, 813	15, 359	19, 139	1, 491	20, 630
13 Laundries and dry cleaning establishments .....	1, 016	838	1, 854	2, 137	842	2, 979	763	735	1, 498
<b>Institutional .....</b>	<b>330, 727</b>	<b>45, 805</b>	<b>376, 532</b>	<b>412, 750</b>	<b>48, 584</b>	<b>461, 334</b>	<b>456, 491</b>	<b>53, 060</b>	<b>509, 551</b>
14 Schools and other educational buildings ....	155, 838	19, 896	175, 734	201, 820	22, 604	224, 424	221, 837	22, 936	244, 773
15 Churches and other religious buildings .....	32, 299	6, 167	38, 466	35, 373	6, 388	41, 761	46, 865	5, 539	52, 404
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	110, 495	11, 020	121, 515	134, 748	11, 368	146, 116	134, 277	15, 401	149, 678
17 Other institutional buildings .....	32, 095	8, 722	40, 817	40, 809	8, 224	49, 033	53, 512	9, 184	62, 696
<b>Other Building Construction .....</b>	<b>144, 005</b>	<b>82, 639</b>	<b>226, 644</b>	<b>154, 926</b>	<b>84, 939</b>	<b>239, 865</b>	<b>166, 011</b>	<b>91, 048</b>	<b>257, 059</b>
18 Farm buildings (excluding dwellings) .....	70, 190	60, 670	130, 860	72, 836	62, 904	135, 740	74, 919	66, 673	141, 592
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	18, 848	1, 387	20, 235	19, 167	1, 376	20, 543	22, 745	1, 541	24, 286
20 Aeroplane hangars .....	10, 017	2, 161	12, 178	9, 267	1, 736	11, 003	13, 219	2, 077	15, 296
21 Passenger terminals, bus, boat or air .....	868	163	1, 031	540	156	696	719	150	869
22 Armouries, barracks, drill halls, etc. ....	29, 213	6, 673	35, 886	30, 907	6, 109	37, 016	34, 335	7, 395	41, 730
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5, 764	4, 958	10, 722	12, 936	6, 391	19, 327	10, 495	6, 613	17, 108
24 Other building construction .....	9, 105	6, 627	15, 732	9, 273	6, 267	15, 540	9, 579	6, 599	16, 178
<b>Total Engineering Construction .....</b>	<b>1, 322, 218</b>	<b>487, 258</b>	<b>1, 809, 476</b>	<b>1, 454, 638</b>	<b>457, 291</b>	<b>1, 911, 929</b>	<b>1, 999, 322</b>	<b>525, 245</b>	<b>2, 524, 567</b>
<b>Marine Construction .....</b>	<b>58, 002</b>	<b>14, 441</b>	<b>72, 443</b>	<b>65, 182</b>	<b>12, 030</b>	<b>77, 212</b>	<b>122, 786</b>	<b>14, 476</b>	<b>137, 262</b>
25 Docks, wharves, piers, breakwaters .....	33, 050	6, 556	39, 606	29, 540	5, 946	35, 486	45, 576	6, 311	51, 887
26 Retaining walls, embankments, riprapping ..	1, 861	529	2, 390	1, 780	428	2, 208	1, 959	412	2, 371
27 Canals and waterways .....	4, 782	1, 591	6, 373	10, 294	1, 094	11, 388	37, 329	1, 603	38, 932
28 Dredging and pile driving .....	14, 164	2, 861	17, 025	17, 585	2, 685	20, 270	31, 972	4, 058	35, 850
29 Dyke construction .....	1, 008	273	1, 281	820	252	1, 072	642	231	873
30 Logging booms .....	816	703	1, 519	3, 629	519	4, 148	2, 386	688	3, 074
31 Other marine construction .....	2, 321	1, 928	4, 249	1, 534	1, 106	2, 640	2, 922	1, 173	4, 095

1. Actual 1954, Preliminary Actual 1955, Intentions 1956.



**TABLE 7. By Type of Structure New and Repair — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction....</b>	<b>308,879</b>	<b>164,545</b>	<b>473,424</b>	<b>362,547</b>	<b>145,566</b>	<b>508,113</b>	<b>442,127</b>	<b>154,129</b>	<b>596,256</b>
32 Hard surfaced or paved streets, highways, parking lots, etc.....	144,699	62,876	207,575	167,063	56,299	223,362	200,327	59,082	259,409
33 Gravel or stone streets, highways, roads, parking lots, etc.....	68,143	61,085	129,228	87,791	53,705	141,496	104,557	57,471	162,028
34 Dirt, clay or other streets, roads, parking lots, etc.....	20,027	13,404	33,431	26,193	14,095	40,288	37,151	15,199	52,350
35 Grading, scraping, oiling, filling .....	51,550	21,933	73,483	57,194	17,226	74,420	75,253	18,047	93,300
36 Sidewalks, paths .....	17,561	4,513	22,074	17,165	3,787	20,952	17,128	3,835	20,963
37 Aerodromes, landing fields, runways, tarmac	6,899	734	7,633	7,141	454	7,595	7,711	495	8,206
<b>Waterworks and Sewage Systems.....</b>	<b>157,842</b>	<b>25,615</b>	<b>183,457</b>	<b>159,793</b>	<b>22,514</b>	<b>182,307</b>	<b>184,989</b>	<b>23,822</b>	<b>208,811</b>
38 Tile drains, drainage ditches, storm sewers	25,615	4,512	30,127	26,840	3,970	30,810	29,554	4,035	33,589
39 Water mains, hydrants and services .....	58,798	12,491	71,289	58,258	11,306	69,564	67,986	12,496	80,482
40 Sewage systems and connections .....	66,448	7,542	73,990	67,640	6,171	73,811	71,250	6,253	77,503
41 Pumping stations, water.....	2,890	863	3,753	4,259	913	5,172	14,254	951	15,205
42 Water storage tanks.....	4,091	207	4,298	2,796	154	2,950	1,945	87	2,032
<b>Dams and Irrigation .....</b>	<b>28,893</b>	<b>3,952</b>	<b>32,845</b>	<b>25,448</b>	<b>3,945</b>	<b>29,393</b>	<b>55,103</b>	<b>4,145</b>	<b>59,248</b>
43 Dams and reservoirs .....	18,965	1,946	20,911	14,540	1,793	16,333	43,714	1,851	45,565
44 Irrigation and land reclamation projects ....	9,928	2,006	11,934	10,908	2,152	13,060	11,389	2,294	13,683
<b>Electric Power Construction.....</b>	<b>290,300</b>	<b>31,570</b>	<b>321,870</b>	<b>293,229</b>	<b>35,196</b>	<b>328,425</b>	<b>422,210</b>	<b>36,262</b>	<b>458,472</b>
45 Electric power generating plants, including water conveying and controlling structures .....	145,610	7,431	153,041	143,594	8,472	152,066	229,561	9,051	238,612
46 Electric transformer stations.....	13,471	2,824	16,295	19,650	3,867	23,517	29,415	3,980	33,395
47 Power transmission and distribution lines, trolley wires.....	127,127	19,757	146,884	126,249	21,010	147,259	158,757	21,387	180,144
48 Street lighting .....	4,092	1,558	5,650	3,736	1,847	5,583	4,477	1,844	6,321
<b>Railway, Telephone and Telegraph .....</b>	<b>118,795</b>	<b>176,029</b>	<b>294,824</b>	<b>140,027</b>	<b>170,615</b>	<b>310,642</b>	<b>165,103</b>	<b>221,135</b>	<b>386,238</b>
49 Railway tracks and roadbed.....	42,346	142,816	185,162	58,297	136,303	194,600	71,662	183,829	255,491
50 Signals and interlockers.....	4,084	4,148	8,232	1,314	3,940	5,254	3,295	4,190	7,485
51 Telegraph and telephone lines, underground and marine cables.....	72,365	29,065	101,430	80,416	30,372	110,788	90,146	33,116	123,262
<b>Gas and Oil Facilities .....</b>	<b>245,203</b>	<b>24,584</b>	<b>269,787</b>	<b>284,943</b>	<b>24,629</b>	<b>309,572</b>	<b>433,067</b>	<b>25,300</b>	<b>458,367</b>
52 Gas mains and services .....	5,956	1,357	7,313	12,051	1,963	14,014	29,182	2,252	31,434
53 Pumping stations, oil .....	7,717	952	8,669	2,924	738	3,662	2,701	837	3,538
54 Pumping stations, gas .....	1,026	22	1,048	367	56	423	284	51	335
55 Oil storage tanks .....	14,185	1,759	15,944	14,487	1,883	16,370	15,653	2,353	18,006
56 Gas storage tanks .....	2,196	943	3,139	817	470	1,287	1,414	50	1,464
57 Oil pipe lines .....	47,400	2,120	49,520	16,889	1,144	18,033	15,130	857	15,987
58 Gas pipe lines .....	13,185	1,069	14,254	22,175	512	22,687	128,384	802	129,186
59 Oil wells .....	87,598	2,179	89,777	117,291	2,436	119,727	139,191	3,291	142,482
60 Gas wells .....	8,273	245	8,518	15,815	285	16,100	23,094	378	23,472
61 Oil refinery—processing units .....	54,602	13,849	68,451	80,013	14,981	94,994	70,600	14,321	84,921
62 Natural gas cleaning plants.....	3,065	89	3,154	2,114	161	2,275	7,434	108	7,542
<b>Other Engineering Construction .....</b>	<b>114,304</b>	<b>46,522</b>	<b>160,826</b>	<b>123,469</b>	<b>42,796</b>	<b>166,265</b>	<b>173,937</b>	<b>45,976</b>	<b>219,913</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	55,319	22,924	78,243	63,636	21,326	84,962	89,471	23,058	112,529
64 Tunnels and subways .....	7,571	440	8,011	3,882	413	4,295	5,169	488	5,657
65 Incinerators .....	5,184	368	5,552	3,902	655	4,557	3,788	723	4,511
66 Park systems, landscaping, sodding, etc.	4,525	5,404	9,929	3,966	3,198	7,164	4,207	3,381	7,588
67 Swimming pools, tennis courts, outdoor recreation facilities .....	4,437	1,199	5,636	3,890	937	4,827	3,908	1,084	4,992
68 Mine shafts and other below surface workings .....	19,919	2,351	22,270	22,825	2,176	25,001	45,345	2,043	47,388
69 Fences, snowsheds, signs, guard rails .....	5,757	11,028	16,785	5,727	10,108	15,835	6,572	10,856	17,428
70 Other engineering construction .....	11,592	2,808	14,400	15,641	3,983	19,624	15,477	4,343	19,820

TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1954 to 1955		Change 1955 to 1956		Type of structure	Change 1954 to 1955		Change 1955 to 1956	
	\$ Mill	%	\$ Mill	%		\$ Mill	%	\$ Mill	%
<b>Total Value of Construction .....</b>	<b>562</b>	<b>11.9</b>	<b>985</b>	<b>18.6</b>	<b>Road, Highway and Aerodrome Construction....</b>	<b>35</b>	<b>7.3</b>	<b>88</b>	<b>17.3</b>
<b>Total Building Construction.....</b>	<b>460</b>	<b>15.8</b>	<b>373</b>	<b>11.0</b>	32 Hard surfaced or paved streets, highways, parking lots, etc. ....	16		36	
<b>Residential.....</b>	<b>334</b>	<b>23.8</b>	<b>92</b>	<b>5.3</b>	33 Gravel or stone streets, highways, roads, parking lots, etc. ....	12		21	
1 Dwellings, single, double, duplexes and apartments .....	334		92		34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable). ....	7		12	
<b>Industrial .....</b>	<b>44</b>	<b>12.2</b>	<b>145</b>	<b>35.4</b>	35 Grading, scraping, oiling, filling .....	1		19	
2 Factories, plants, workshops, food canneries .....	47		112		36 Sidewalks, paths.....	- 1		0	
3 Mine and mine mill buildings .....	2		25		37 Aerodromes, landing fields, runways, tarmac .....	0		1	
4 Railway stations, offices, roadway build- ings .....	- 1		4		<b>Waterworks and Sewage Systems .....</b>	<b>- 1</b>	<b>0.6</b>	<b>27</b>	<b>14.5</b>
5 Railway shops, engine houses, water and fuel stations .....	- 4		3		38 Tile drains, drainage ditches, storm sewers .....	1		3	
<b>Commercial.....</b>	<b>- 17</b>	<b>- 3.0</b>	<b>70</b>	<b>13.3</b>	39 Water mains, hydrants and services .....	- 2		11	
6 Warehouses, storehouses, refrigerated stor- age, etc. ....	- 12		18		40 Sewage systems and connections.....	0		4	
7 Grain elevators.....	- 4		2		41 Pumping stations, water .....	1		10	
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	- 1		12		42 Water storage tanks .....	- 1		- 1	
9 Office buildings .....	- 6		27		<b>Dams and Irrigation .....</b>	<b>- 3</b>	<b>- 10.5</b>	<b>30</b>	<b>101.6</b>
10 Stores, retail and wholesale.....	4		- 3		43 Dams and reservoirs.....	- 5		29	
11 Garages and service stations.....	3		10		44 Irrigation and land reclamation projects .....	1		1	
12 Theatres, arenas, amusement and recrea- tional buildings .....	- 2		5		<b>Electric Power Construction .....</b>	<b>7</b>	<b>2.0</b>	<b>130</b>	<b>39.6</b>
13 Laundries and dry cleaning establishments .....	1		- 1		45 Electric power generating plants, including water conveying and controlling structures. ....	- 1		87	
<b>Institutional .....</b>	<b>85</b>	<b>22.5</b>	<b>48</b>	<b>10.5</b>	46 Electric transformer stations .....	7		10	
14 Schools and other educational buildings ....	49		20		47 Power transmission and distribution lines, trolley wires .....	0		33	
15 Churches and other religious buildings.....	3		11		48 Street lighting .....	0		1	
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	25		4		<b>Railway, Telephone and Telegraph.....</b>	<b>16</b>	<b>5.4</b>	<b>76</b>	<b>24.3</b>
17 Other institutional buildings .....	8		14		49 Railway tracks and roadbed .....	9		61	
<b>Other Building Construction .....</b>	<b>13</b>	<b>5.8</b>	<b>17</b>	<b>7.2</b>	50 Signals and interlockers .....	- 3		2	
18 Farm buildings (excluding dwellings).....	5		6		51 Telegraph and telephone lines, underground and marine cables.....	9		12	
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges. ....	0		4		<b>Gas and Oil Facilities .....</b>	<b>40</b>	<b>14.7</b>	<b>149</b>	<b>48.1</b>
20 Aeroplane hangars .....	- 1		4		52 Gas mains and services.....	7		17	
21 Passenger terminals, bus, boat or air .....	0		0		53 Pumping stations, oil.....	- 5		0	
22 Armouries, barracks, drill halls, etc. ....	1		5		54 Pumping stations, gas .....	- 1		0	
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	9		- 2		55 Oil storage tanks .....	0		2	
24 Other building construction .....	0		1		56 Gas storage tanks.....	- 2		0	
<b>Total Engineering Construction.....</b>	<b>102</b>	<b>5.7</b>	<b>613</b>	<b>32.0</b>	57 Oil pipe lines .....	- 31		- 2	
<b>Marine Construction .....</b>	<b>5</b>	<b>6.6</b>	<b>60</b>	<b>77.8</b>	58 Gas pipe lines.....	8		106	
25 Docks, wharves, piers, breakwaters .....	- 4		16		59 Oil wells .....	30		23	
26 Retaining walls, embankments, riprapping ..	0		0		60 Gas wells.....	8		7	
27 Canals and waterways.....	5		28		61 Oil refinery - processing units .....	27		- 10	
28 Dredging and pile driving .....	3		16		62 Natural gas cleaning plants .....	- 1		5	
29 Dyke construction .....	0		0		<b>Other Engineering Construction.....</b>	<b>5</b>	<b>3.4</b>	<b>54</b>	<b>32.3</b>
30 Logging booms .....	3		- 1		63 Bridges, trestles, culverts, overpasses, via- ducts.....	7		28	
31 Other marine construction.....	- 2		1		64 Tunnels and subways.....	- 4		1	
					65 Incinerators .....	- 1		0	
					66 Park systems, landscaping, sodding, etc.....	- 3		0	
					67 Swimming pools, tennis courts, outdoor re- creation facilities.....	- 1		0	
					68 Mine shafts and other below surface workings .....	3		22	
					69 Fences, snowsheds, signs, guard rails .....	- 1		2	
					70 Other engineering construction.....	5		0	



**TABLE 9. By Principal Types of Construction for Industry or Sector**  
(Thousands of dollars)

	1954			1955			1956		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
<b>Total .....</b>	<b>2, 913, 891</b>	<b>1, 809, 476</b>	<b>4, 723, 367</b>	<b>3, 373, 622</b>	<b>1, 911, 929</b>	<b>5, 285, 551</b>	<b>3, 746, 262</b>	<b>2, 524, 567</b>	<b>6, 270, 829</b>
Agriculture and Fishing .....	129, 263	17, 581	146, 844	133, 419	18, 167	151, 586	139, 915	19, 040	158, 955
Forestry .....	11, 999	33, 520	45, 519	15, 539	35, 134	50, 673	14, 848	39, 907	54, 755
Mining, Quarrying and Oil Wells .....	39, 738	160, 245	199, 983	42, 193	194, 071	236, 264	69, 121	249, 063	318, 184
Construction .....	11, 642	448	12, 090	13, 921	218	14, 139	12, 338	215	12, 553
Manufacturing .....	281, 913	104, 026	385, 939	324, 026	117, 880	441, 906	428, 829	130, 662	559, 491
Utilities .....	94, 121	777, 419	871, 540	82, 489	775, 196	857, 685	110, 263	1, 207, 135	1, 317, 398
Trade - Wholesale and Retail .....	228, 813	10, 776	239, 589	216, 039	12, 263	228, 302	234, 574	12, 623	247, 197
Finance, Insurance and Real Estate .....	83, 764	14, 048	97, 812	76, 758	15, 615	92, 373	85, 184	13, 741	98, 925
Commercial Services .....	36, 476	1, 026	37, 502	42, 901	1, 641	44, 542	55, 907	1, 496	57, 403
Housing .....	1, 399, 900	-	1, 399, 900	1, 733, 700	-	1, 733, 700	1, 825, 800	-	1, 825, 800
Institutional Services .....	330, 019	1, 483	331, 502	407, 623	1, 520	409, 143	443, 602	1, 225	444, 827
Government Departments .....	266, 243	688, 904	955, 147	285, 014	740, 224	1, 025, 238	325, 881	849, 460	1, 175, 341

**TABLE 10. Dollars and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1954 to 1955						Change 1955 to 1956					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total .....</b>	<b>460</b>	<b>15. 8</b>	<b>102</b>	<b>5. 7</b>	<b>562</b>	<b>11. 9</b>	<b>373</b>	<b>11. 0</b>	<b>613</b>	<b>32. 0</b>	<b>985</b>	<b>18. 8</b>
Agriculture and Fishing .....	4	3. 2	1	3. 3	5	3. 2	6	4. 9	1	4. 8	7	4. 8
Forestry .....	4	29. 5	2	4. 8	5	11. 3	- 1	- 4. 4	5	13. 6	4	8. 0
Mining, Quarrying and Oil Wells .....	2	6. 2	34	21. 1	36	18. 1	27	63. 8	55	28. 3	82	34. 0
Construction .....	2	19. 6	0	- 48. 7	2	16. 9	- 2	- 11. 4	0	- 1. 4	- 2	- 11. 4
Manufacturing .....	42	14. 9	14	13. 3	56	14. 5	105	32. 3	13	10. 8	118	26. 0
Utilities .....	- 12	- 12. 4	- 2	- 0. 3	- 14	- 1. 6	28	33. 7	432	55. 7	460	53. 0
Trade - Wholesale and Retail .....	- 13	- 5. 6	1	13. 8	- 11	- 4. 7	19	8. 6	0	2. 9	19	8. 0
Finance, Insurance and Real Estate .....	- 7	- 8. 4	2	11. 2	- 5	- 5. 6	8	11. 0	- 2	- 12. 0	7	7. 0
Commercial Services .....	6	17. 6	1	59. 9	7	18. 8	13	30. 3	0	- 8. 8	13	28. 0
Housing .....	334	23. 8	0	0. 0	334	23. 8	92	5. 3	0	0. 0	92	5. 3
Institutional Services .....	78	23. 5	0	2. 5	78	23. 4	36	8. 8	0	- 19. 4	36	8. 0
Government Departments .....	19	7. 1	51	7. 5	70	7. 3	41	14. 3	109	14. 8	150	14. 0



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR 1954-1956<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>296, 524</b>	<b>107, 912</b>	<b>404, 436</b>	<b>345, 736</b>	<b>106, 926</b>	<b>452, 662</b>	<b>429, 114</b>	<b>115, 333</b>	<b>544, 447</b>
<b>Total Building Construction .....</b>	<b>116, 330</b>	<b>76, 312</b>	<b>192, 642</b>	<b>125, 878</b>	<b>79, 194</b>	<b>205, 072</b>	<b>152, 198</b>	<b>84, 024</b>	<b>236, 222</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1 Dwellings, single, double, duplexes and apartments .....	-	-	-	-	-	-	-	-	-
<b>Industrial .....</b>	<b>29, 683</b>	<b>8, 062</b>	<b>37, 745</b>	<b>33, 182</b>	<b>8, 934</b>	<b>42, 116</b>	<b>57, 547</b>	<b>9, 460</b>	<b>67, 007</b>
2 Factories, plants, workshops, food canneries .....	5, 490	1, 806	7, 296	7, 746	1, 601	9, 347	6, 788	1, 743	8, 531
3 Mine and mine mill buildings .....	24, 133	6, 246	30, 379	25, 415	7, 329	32, 744	50, 757	7, 705	58, 462
4 Railway stations, offices, roadway buildings .....	-	10	10	-	4	4	2	5	7
5 Railway shops, engine houses, water and fuel stations .....	60	-	60	21	-	21	-	7	7
<b>Commercial .....</b>	<b>12, 999</b>	<b>2, 994</b>	<b>15, 993</b>	<b>11, 423</b>	<b>2, 040</b>	<b>13, 463</b>	<b>12, 647</b>	<b>1, 868</b>	<b>14, 515</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	5, 725	1, 778	7, 503	3, 267	927	4, 194	3, 854	908	4, 762
7 Grain elevators .....	-	-	-	-	-	-	-	-	-
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	168	36	204	149	16	165	-	23	23
9 Office buildings .....	6, 258	896	7, 154	7, 370	835	8, 205	7, 447	717	8, 164
10 Stores, retail and wholesale .....	127	62	189	51	40	91	348	31	379
11 Garages and service stations .....	617	199	816	445	191	636	221	169	390
12 Theatres, arenas, amusement and recreational buildings .....	98	18	116	124	31	155	771	19	790
13 Laundries and dry cleaning establishments .....	6	5	11	17	-	17	6	1	7
<b>Institutional .....</b>	<b>267</b>	<b>50</b>	<b>317</b>	<b>452</b>	<b>26</b>	<b>478</b>	<b>414</b>	<b>9</b>	<b>423</b>
14 Schools and other educational buildings .....	141	28	169	327	14	341	39	-	39
15 Churches and other religious buildings .....	-	-	-	-	-	-	10	-	10
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	123	22	145	120	12	132	365	9	374
17 Other institutional buildings .....	3	-	3	5	-	5	-	-	-
<b>Other Building Construction .....</b>	<b>73, 381</b>	<b>65, 206</b>	<b>138, 587</b>	<b>80, 821</b>	<b>68, 194</b>	<b>149, 015</b>	<b>81, 590</b>	<b>72, 687</b>	<b>154, 277</b>
18 Farm buildings (excluding dwellings) .....	67, 976	60, 396	128, 372	69, 570	62, 623	132, 193	72, 176	66, 370	138, 546
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	28	188	216	66	29	95	100	22	122
20 Aeroplane hangars .....	6	4	10	9	-	9	179	-	179
21 Passenger terminals, bus, boat or air .....	-	-	-	9	-	9	-	-	-
22 Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5, 339	4, 472	9, 811	10, 838	5, 379	16, 217	9, 030	6, 046	15, 076
24 Other building construction .....	32	146	178	329	163	492	105	249	354
<b>Total Engineering Construction .....</b>	<b>180, 194</b>	<b>31, 600</b>	<b>211, 794</b>	<b>219, 858</b>	<b>27, 732</b>	<b>247, 590</b>	<b>276, 916</b>	<b>31, 309</b>	<b>308, 225</b>
<b>Marine Construction .....</b>	<b>16, 250</b>	<b>2, 561</b>	<b>18, 811</b>	<b>16, 570</b>	<b>2, 029</b>	<b>18, 599</b>	<b>17, 747</b>	<b>2, 568</b>	<b>20, 315</b>
25 Docks, wharves, piers, breadwaters .....	3, 698	913	4, 611	3, 045	1, 116	4, 161	4, 254	1, 155	5, 409
26 Retaining walls, embankments, riprapping .....	328	-	328	202	121	323	31	73	104
27 Canals and waterways .....	448	470	918	355	54	409	438	421	859
28 Dredging and pile driving .....	10, 582	8	10, 590	9, 032	15	9, 047	8, 974	22	8, 996
29 Dyke construction .....	-	29	29	15	13	28	-	-	-
30 Logging booms .....	792	607	1, 399	3, 622	452	4, 074	2, 334	628	2, 962
31 Other marine construction .....	402	534	936	299	258	557	1, 716	269	1, 985

1. Actual 1954, Preliminary Actual 1955, Intentions 1956.

2. Primary Industries include Agriculture and Fishing, Forestry, Mining, Quarrying, Oil Wells, and the Construction Industry.

**TABLE 11. Primary Industries - Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction</b> .....	<b>18,296</b>	<b>11,101</b>	<b>29,397</b>	<b>19,041</b>	<b>8,189</b>	<b>27,230</b>	<b>19,576</b>	<b>9,360</b>	<b>28,936</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	207	454	661	1,085	495	1,580	1,112	372	1,484
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	7,565	4,531	12,096	9,346	2,952	12,298	9,331	3,364	12,695
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable).....	9,030	5,985	15,015	8,335	4,694	13,029	8,897	5,555	14,452
35 Grading, scraping, oiling, filling .....	849	108	957	231	46	277	165	48	213
36 Sidewalks, paths .....	25	—	25	36	1	37	50	2	52
37 Aerodromes, landing fields, runways, tarmac .....	620	23	643	8	1	9	21	19	40
<b>Waterworks and Sewage Systems</b> .....	<b>2,151</b>	<b>361</b>	<b>2,512</b>	<b>1,487</b>	<b>675</b>	<b>2,162</b>	<b>1,410</b>	<b>466</b>	<b>1,876</b>
38 Tile drains, drainage ditches, storm sewers .....	14	—	14	14	13	27	1	1	2
39 Water mains, hydrants and services .....	979	299	1,278	816	309	1,125	709	208	917
40 Sewage systems and connections .....	368	40	408	417	68	485	326	81	407
41 Pumping stations, water .....	223	6	229	181	186	367	332	176	508
42 Water storage tanks .....	567	16	583	59	99	158	42	—	42
<b>Dams and Irrigation</b> .....	<b>7,631</b>	<b>2,481</b>	<b>10,112</b>	<b>7,751</b>	<b>2,615</b>	<b>10,366</b>	<b>9,831</b>	<b>2,879</b>	<b>12,710</b>
43 Dams and reservoirs .....	2,628	625	3,253	2,609	691	3,300	4,387	839	5,226
44 Irrigation and land reclamation projects .....	5,003	1,856	6,859	5,142	1,924	7,066	5,444	2,040	7,484
<b>Electric Power Construction</b> .....	<b>7,560</b>	<b>521</b>	<b>8,081</b>	<b>2,873</b>	<b>256</b>	<b>3,129</b>	<b>3,516</b>	<b>227</b>	<b>3,743</b>
45 Electric power generating plants, including water conveying and controlling structures .....	2,832	94	2,926	478	99	577	2,027	85	2,112
46 Electric transformer stations .....	1,032	17	1,049	805	37	842	602	25	627
47 Power transmission and distribution lines, trolley wires .....	3,669	377	4,046	1,573	100	1,673	877	101	978
48 Street lighting .....	27	33	60	17	20	37	10	16	26
<b>Railway, Telephone and Telegraph</b> .....	<b>3,016</b>	<b>2,132</b>	<b>5,148</b>	<b>5,142</b>	<b>1,669</b>	<b>6,811</b>	<b>5,776</b>	<b>2,079</b>	<b>7,855</b>
49 Railway tracks and roadbed .....	2,904	1,810	4,714	4,905	1,440	6,345	5,523	1,954	7,477
50 Signals and interlockers .....	—	—	—	7	—	7	86	—	86
51 Telegraph and telephone lines, underground and marine cables .....	112	322	434	230	229	459	167	125	292
<b>Gas and Oil Facilities</b> .....	<b>98,241</b>	<b>2,639</b>	<b>100,880</b>	<b>138,618</b>	<b>2,834</b>	<b>141,452</b>	<b>167,686</b>	<b>3,844</b>	<b>171,530</b>
52 Gas mains and services .....	6	—	6	21	2	23	16	2	18
53 Pumping stations, oil .....	179	—	179	135	3	138	149	7	156
54 Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55 Oil storage tanks .....	2,000	49	2,049	5,236	84	5,320	5,066	133	5,199
56 Gas storage tanks .....	7	—	7	1	—	1	6	—	6
57 Oil pipe lines .....	127	40	167	410	11	421	155	5	160
58 Gas pipe lines .....	270	152	422	82	21	103	210	39	249
59 Oil wells .....	87,580	2,179	89,759	117,279	2,436	119,715	139,141	3,291	142,432
60 Gas wells .....	8,072	219	8,291	15,454	277	15,731	22,757	367	23,124
61 Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62 Natural gas cleaning plants .....	—	—	—	—	—	—	186	—	186
<b>Other Engineering Construction</b> .....	<b>27,049</b>	<b>9,804</b>	<b>36,853</b>	<b>28,376</b>	<b>9,465</b>	<b>37,841</b>	<b>51,374</b>	<b>9,886</b>	<b>61,260</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	288	217	505	867	60	927	683	73	756
64 Tunnels and subways .....	62	21	83	139	—	139	87	—	87
65 Incinerators .....	—	—	—	—	—	—	15	3	18
66 Park systems, landscaping, sodding, etc. ....	30	50	80	109	43	152	29	34	63
67 Swimming pools, tennis courts, outdoor recreation facilities .....	560	—	560	3	—	3	31	8	39
68 Mine shafts and other below surface workings .....	19,054	2,351	21,405	22,058	2,176	24,234	45,244	2,043	47,287
69 Fences, snowsheds, signs, guard rails .....	3,584	5,860	9,444	3,657	6,079	9,736	3,816	6,458	10,274
70 Other engineering construction .....	3,471	1,305	4,776	1,543	1,107	2,650	1,469	1,267	2,736

**TABLE 12. Manufacturing**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>287, 874</b>	<b>98, 065</b>	<b>385, 939</b>	<b>345, 183</b>	<b>96, 723</b>	<b>441, 906</b>	<b>461, 784</b>	<b>97, 707</b>	<b>559, 491</b>
<b>Total Building Construction .....</b>	<b>203, 856</b>	<b>78, 057</b>	<b>281, 913</b>	<b>247, 308</b>	<b>76, 718</b>	<b>324, 026</b>	<b>350, 200</b>	<b>78, 629</b>	<b>428, 829</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1 Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>179, 591</b>	<b>74, 336</b>	<b>253, 927</b>	<b>218, 765</b>	<b>74, 035</b>	<b>292, 800</b>	<b>318, 778</b>	<b>76, 049</b>	<b>394, 827</b>
2 Factories, plants, workshops, food canneries .....	177, 359	70, 696	248, 055	216, 257	71, 069	287, 326	316, 466	72, 560	389, 026
3 Mine and mine mill buildings .....	1, 142	105	1, 247	1, 066	153	1, 219	778	168	946
4 Railway stations, offices, roadway buildings .....	164	46	210	63	195	258	542	190	732
5 Railway shops, engine houses, water and fuel stations .....	926	3, 489	4, 415	1, 379	2, 618	3, 997	992	3, 131	4, 123
<b>Commercial .....</b>	<b>23, 787</b>	<b>3, 348</b>	<b>27, 135</b>	<b>26, 244</b>	<b>2, 201</b>	<b>28, 445</b>	<b>29, 505</b>	<b>2, 202</b>	<b>31, 707</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	11, 204	811	12, 015	10, 451	1, 006	11, 457	12, 850	1, 118	13, 968
7 Grain elevators .....	367	80	447	300	72	372	129	73	202
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	159	405	564	49	55	104	45	64	109
9 Office buildings .....	10, 866	1, 744	12, 610	13, 988	886	14, 874	14, 308	735	15, 043
10 Stores, retail and wholesale .....	380	153	533	941	94	1, 035	1, 838	168	2, 006
11 Garages and service stations .....	547	74	621	237	30	267	300	25	325
12 Theatres, arenas, amusement and recreational buildings .....	264	81	345	278	57	335	35	19	54
13 Laundries and dry cleaning establishments .....	—	—	—	—	1	1	—	—	—
<b>Institutional .....</b>	<b>345</b>	<b>73</b>	<b>418</b>	<b>1, 320</b>	<b>51</b>	<b>1, 371</b>	<b>1, 066</b>	<b>35</b>	<b>1, 101</b>
14 Schools and other educational buildings .....	283	15	298	30	6	36	9	7	16
15 Churches and other religious buildings .....	—	1	1	18	—	18	17	2	19
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	30	57	87	781	35	816	714	18	732
17 Other institutional buildings .....	32	—	32	491	10	501	326	8	334
<b>Other Building Construction .....</b>	<b>133</b>	<b>300</b>	<b>433</b>	<b>979</b>	<b>431</b>	<b>1, 410</b>	<b>851</b>	<b>343</b>	<b>1, 194</b>
18 Farm buildings (excluding dwellings) .....	24	13	37	45	49	94	60	45	105
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4	5	9	8	3	11	52	—	52
20 Aeroplane hangars .....	1	34	35	5	80	85	11	96	107
21 Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	104	240	344	921	281	1, 202	728	184	912
24 Other building construction .....	—	8	8	—	18	18	—	18	18
<b>Total Engineering Construction .....</b>	<b>84, 018</b>	<b>20, 008</b>	<b>104, 026</b>	<b>97, 875</b>	<b>20, 005</b>	<b>117, 880</b>	<b>111, 584</b>	<b>19, 078</b>	<b>130, 662</b>
<b>Marine Construction .....</b>	<b>2, 542</b>	<b>1, 737</b>	<b>4, 279</b>	<b>1, 214</b>	<b>1, 402</b>	<b>2, 616</b>	<b>7, 040</b>	<b>1, 252</b>	<b>8, 292</b>
25 Docks, wharves, piers, breakwaters .....	2, 279	1, 204	3, 483	701	1, 058	1, 759	6, 146	964	7, 110
26 Retaining walls, embankments, riprapping .....	80	75	155	—	40	40	68	23	91
27 Canals and waterways .....	—	8	8	—	1	1	—	9	9
28 Dredging and pile driving .....	143	165	308	415	166	581	749	151	900
29 Dyke construction .....	—	1	1	54	1	55	—	1	1
30 Logging booms .....	21	63	84	7	59	66	52	46	98
31 Other marine construction .....	19	221	240	37	77	114	25	58	83



**TABLE 12. Manufacturing — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>2, 892</b>	<b>1, 131</b>	<b>4, 023</b>	<b>3, 170</b>	<b>1, 506</b>	<b>4, 676</b>	<b>2, 347</b>	<b>1, 307</b>	<b>3, 654</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	1, 415	425	1, 840	1, 555	524	2, 079	1, 189	607	1, 796
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	794	363	1, 157	567	465	1, 032	508	355	863
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	436	283	719	390	338	728	444	269	713
35 Grading, scraping, oiling, filling .....	226	35	261	567	71	638	155	45	200
36 Sidewalks, paths .....	21	25	46	6	28	34	2	15	17
37 Aerodromes, landing fields, runways, tarmac .....	—	—	—	85	80	165	49	16	65
<b>Waterworks and Sewage Systems .....</b>	<b>2, 849</b>	<b>463</b>	<b>3, 312</b>	<b>2, 762</b>	<b>383</b>	<b>3, 145</b>	<b>6, 715</b>	<b>339</b>	<b>7, 054</b>
38 Tile drains, drainage ditches, storm sewers .....	248	68	316	478	34	512	576	12	588
39 Water mains, hydrants and services .....	1, 244	181	1, 425	1, 262	184	1, 446	2, 527	159	2, 686
40 Sewage systems and connections .....	642	139	781	513	119	632	1, 035	100	1, 135
41 Pumping stations, water .....	448	55	503	383	41	424	2, 445	62	2, 507
42 Water storage tanks .....	267	20	287	126	5	131	132	6	138
<b>Dams and Irrigation .....</b>	<b>234</b>	<b>173</b>	<b>407</b>	<b>252</b>	<b>67</b>	<b>319</b>	<b>662</b>	<b>49</b>	<b>711</b>
43 Dams and reservoirs .....	202	173	375	251	67	318	631	49	680
44 Irrigation and land reclamation projects .....	32	—	32	1	—	1	31	—	31
<b>Electric Power Construction .....</b>	<b>4, 077</b>	<b>283</b>	<b>4, 360</b>	<b>2, 467</b>	<b>307</b>	<b>2, 774</b>	<b>10, 824</b>	<b>296</b>	<b>11, 120</b>
45 Electric power generating plants, including water conveying and controlling structures .....	2, 339	110	2, 449	682	178	860	6, 737	178	6, 915
46 Electric transformer stations .....	606	55	661	725	22	747	2, 714	29	2, 743
47 Power transmission and distribution lines, trolley wires .....	300	99	399	1, 057	87	1, 144	1, 324	65	1, 389
48 Street lighting .....	832	19	851	3	20	23	49	24	73
<b>Railway, Telephone and Telegraph .....</b>	<b>692</b>	<b>727</b>	<b>1, 419</b>	<b>1, 084</b>	<b>728</b>	<b>1, 812</b>	<b>851</b>	<b>772</b>	<b>1, 623</b>
49 Railway tracks and roadbed .....	516	599	1, 115	886	644	1, 530	575	686	1, 261
50 Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51 Telegraph and telephone lines, underground and marine cables .....	176	128	304	198	84	282	276	86	362
<b>Gas and Oil Facilities .....</b>	<b>68, 699</b>	<b>15, 061</b>	<b>83, 760</b>	<b>85, 583</b>	<b>15, 404</b>	<b>100, 987</b>	<b>82, 415</b>	<b>14, 763</b>	<b>97, 178</b>
52 Gas mains and services .....	7	—	7	6	11	17	44	11	55
53 Pumping stations, oil .....	161	—	161	—	13	13	—	15	15
54 Pumping stations, gas .....	688	6	694	—	—	—	—	—	—
55 Oil storage tanks .....	7, 007	1, 000	8, 007	3, 027	230	3, 257	4, 293	310	4, 603
56 Gas storage tanks .....	888	107	995	247	7	254	189	—	189
57 Oil pipe lines .....	2, 099	34	2, 133	295	5	300	70	1	71
58 Gas pipe lines .....	186	21	207	6	22	28	83	17	100
59 Oil wells .....	18	—	18	12	—	12	50	—	50
60 Gas wells .....	—	—	—	—	—	—	—	—	—
61 Oil refinery — processing units .....	54, 593	13, 827	68, 420	80, 013	14, 981	94, 994	70, 600	14, 321	84, 921
62 Natural gas cleaning plants .....	3, 052	66	3, 118	1, 977	135	2, 112	7, 086	88	7, 174
<b>Other Engineering Construction .....</b>	<b>2, 033</b>	<b>433</b>	<b>2, 466</b>	<b>1, 343</b>	<b>208</b>	<b>1, 551</b>	<b>730</b>	<b>300</b>	<b>1, 030</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	91	71	162	51	39	90	261	114	375
64 Tunnels and subways .....	192	—	192	6	—	6	—	24	24
65 Incinerators .....	213	17	230	122	1	123	25	—	25
66 Park systems, landscaping, sodding, etc. ....	59	155	214	222	119	341	181	121	302
67 Swimming pools, tennis courts, outdoor recreation facilities ....	15	9	24	—	5	5	—	5	5
68 Mine shafts and other below surface workings .....	865	—	865	767	—	767	101	—	101
69 Fences, snowsheds, signs, guard rails .....	263	73	336	175	27	202	108	18	126
70 Other engineering construction .....	335	108	443	—	17	17	54	18	72

**TABLE 13. Utilities**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>610,278</b>	<b>261,262</b>	<b>871,540</b>	<b>600,285</b>	<b>257,400</b>	<b>857,685</b>	<b>1,001,708</b>	<b>315,690</b>	<b>1,317,398</b>
<b>Total Building Construction .....</b>	<b>67,564</b>	<b>26,557</b>	<b>94,121</b>	<b>54,719</b>	<b>27,770</b>	<b>82,489</b>	<b>79,409</b>	<b>30,854</b>	<b>110,263</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1 Dwellings, single, double, duplexes and apartments .....	-	-	-	-	-	-	-	-	-
<b>Industrial .....</b>	<b>16,057</b>	<b>15,602</b>	<b>31,659</b>	<b>9,174</b>	<b>16,876</b>	<b>26,050</b>	<b>16,844</b>	<b>19,831</b>	<b>36,675</b>
2 Factories, plants, workshops, food canneries .....	4,219	1,017	5,236	3,156	1,140	4,296	7,138	1,337	8,475
3 Mine and mine mill buildings .....	-	4	4	-	-	-	-	-	-
4 Railway stations, offices, roadway buildings .....	7,093	9,400	16,493	3,926	11,035	14,961	5,949	12,257	18,206
5 Railway shops, engine houses, water and fuel stations .....	4,745	5,181	9,926	2,092	4,701	6,793	3,757	6,237	9,994
<b>Commercial .....</b>	<b>34,851</b>	<b>9,478</b>	<b>44,329</b>	<b>29,092</b>	<b>8,910</b>	<b>38,002</b>	<b>37,439</b>	<b>9,344</b>	<b>46,783</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	10,067	1,720	11,787	8,570	1,560	10,130	10,417	1,639	12,056
7 Grain elevators .....	13,343	5,328	18,671	9,544	5,036	14,580	12,318	4,904	17,222
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	45	28	73	593	13	606	77	11	88
9 Office buildings .....	8,166	1,663	9,829	6,875	1,401	8,276	8,567	1,788	10,355
10 Stores, retail and wholesale .....	27	2	29	236	-	236	2,254	-	2,254
11 Garages and service stations .....	3,162	727	3,889	3,239	893	4,132	3,806	996	4,802
12 Theatres, arenas, amusement and recreational buildings .....	41	8	49	35	7	42	-	6	6
13 Laundries and dry cleaning establishments .....	-	2	2	-	-	-	-	-	-
<b>Institutional .....</b>	<b>-</b>	<b>5</b>	<b>5</b>	<b>21</b>	<b>5</b>	<b>26</b>	<b>2,732</b>	<b>5</b>	<b>2,737</b>
14 Schools and other educational buildings .....	-	3	3	5	5	10	1,319	5	1,324
15 Churches and other religious buildings .....	-	-	-	16	-	16	1,413	-	1,413
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	2	2	-	-	-	-	-	-
17 Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other Building Construction .....</b>	<b>16,656</b>	<b>1,472</b>	<b>18,128</b>	<b>16,432</b>	<b>1,979</b>	<b>18,411</b>	<b>22,394</b>	<b>1,674</b>	<b>24,068</b>
18 Farm buildings (excluding dwellings) .....	-	-	-	-	-	-	-	-	-
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	14,583	834	15,417	14,831	1,007	15,838	17,830	1,141	18,971
20 Aeroplane hangars .....	1,128	393	1,521	861	147	1,008	3,449	120	3,569
21 Passenger terminals, bus, boat or air .....	868	156	1,024	531	139	670	719	134	853
22 Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23 Bunkhouses, dormitories, camp cookeries, bus depots and camps .....	75	78	153	188	549	737	396	207	603
24 Other building construction .....	2	11	13	21	137	158	-	72	72
<b>Total Engineering Construction .....</b>	<b>542,714</b>	<b>234,705</b>	<b>777,419</b>	<b>545,566</b>	<b>229,630</b>	<b>775,196</b>	<b>922,299</b>	<b>284,836</b>	<b>1,207,135</b>
<b>Marine Construction .....</b>	<b>7,780</b>	<b>2,272</b>	<b>10,052</b>	<b>15,072</b>	<b>1,709</b>	<b>16,781</b>	<b>65,705</b>	<b>2,786</b>	<b>68,491</b>
25 Docks, wharves, piers, breakwaters .....	6,694	1,689	8,383	3,426	1,300	4,726	12,683	1,406	14,089
26 Retaining walls, embankments, riprapping .....	39	52	91	7	15	22	36	27	63
27 Canals and waterways .....	649	22	671	6,964	43	7,007	34,253	16	34,269
28 Dredging and pile driving .....	-	452	452	4,648	273	4,921	18,708	1,266	19,974
29 Dyke construction .....	30	-	30	23	41	64	20	16	36
30 Logging booms .....	3	33	36	-	8	8	-	14	14
31 Other marine construction .....	365	24	389	4	29	33	5	41	46

**TABLE 13. Utilities — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>2,799</b>	<b>472</b>	<b>3,271</b>	<b>946</b>	<b>679</b>	<b>1,625</b>	<b>2,918</b>	<b>954</b>	<b>3,872</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	134	206	340	705	123	828	2,751	445	3,196
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	23	87	110	20	312	332	43	298	341
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	2,479	76	2,555	106	165	271	32	119	151
35 Grading, scraping, oiling, filling .....	152	103	255	59	72	131	24	74	98
36 Sidewalks, paths .....	9	—	9	40	—	40	63	—	63
37 Aerodromes, landing fields, runways, tarmac .....	2	—	2	16	7	23	5	18	23
<b>Waterworks and Sewage Systems .....</b>	<b>50,512</b>	<b>12,046</b>	<b>62,558</b>	<b>48,625</b>	<b>10,758</b>	<b>59,383</b>	<b>63,903</b>	<b>11,998</b>	<b>75,901</b>
38 Tile drains, drainage ditches, storm sewers .....	—	6	6	2	2	4	26	1	27
39 Water mains, hydrants and services .....	45,111	11,053	56,164	42,405	10,009	52,414	50,503	11,185	61,688
40 Sewage systems and connections .....	9	25	34	168	17	185	180	21	201
41 Pumping stations, water .....	2,215	801	3,016	3,514	684	4,198	11,426	713	12,139
42 Water storage tanks .....	3,177	151	3,338	2,536	46	2,582	1,768	78	1,846
<b>Dams and Irrigation .....</b>	<b>15,641</b>	<b>905</b>	<b>16,546</b>	<b>11,272</b>	<b>847</b>	<b>12,119</b>	<b>38,306</b>	<b>751</b>	<b>39,057</b>
43 Dams and reservoirs .....	15,622	905	16,527	11,272	816	12,088	38,256	719	38,975
44 Irrigation and land reclamation projects .....	19	—	19	—	31	31	50	32	82
<b>Electric Power Construction .....</b>	<b>273,338</b>	<b>29,416</b>	<b>302,754</b>	<b>282,282</b>	<b>33,023</b>	<b>315,305</b>	<b>401,687</b>	<b>33,963</b>	<b>435,650</b>
45 Electric power generating plants, including water conveying and controlling structures .....	139,364	5,884	146,248	141,088	7,889	148,977	219,233	8,450	227,683
46 Electric transformer stations .....	10,408	2,731	13,139	16,656	3,788	20,444	24,588	3,898	28,486
47 Power transmission and distribution lines, trolley wires .....	121,441	18,823	140,264	121,925	20,400	142,325	154,758	20,695	175,453
48 Street lighting .....	2,125	978	3,103	2,613	946	3,559	3,108	920	4,028
<b>Railway, Telephone and Telegraph .....</b>	<b>106,847</b>	<b>172,822</b>	<b>279,669</b>	<b>126,883</b>	<b>167,925</b>	<b>294,808</b>	<b>151,182</b>	<b>217,947</b>	<b>369,129</b>
49 Railway tracks and roadbed .....	31,955	140,215	172,170	46,699	134,038	180,737	59,387	190,978	240,365
50 Signals and interlockers .....	4,084	4,148	8,232	1,307	3,940	5,247	3,209	4,190	7,399
51 Telegraph and telephone lines, underground and marine cables..	70,808	28,459	99,267	78,877	29,947	108,824	88,586	32,779	121,365
<b>Gas and Oil Facilities .....</b>	<b>73,924</b>	<b>5,385</b>	<b>79,309</b>	<b>54,685</b>	<b>4,393</b>	<b>59,078</b>	<b>177,057</b>	<b>4,828</b>	<b>181,885</b>
52 Gas mains and services .....	5,905	1,356	7,261	12,024	1,949	13,973	29,122	2,238	31,360
53 Pumping stations, oil .....	7,374	951	8,325	2,600	722	3,322	2,502	815	3,317
54 Pumping stations, gas .....	338	16	354	367	56	423	284	51	335
55 Oil storage tanks .....	2,389	68	2,457	1,473	60	1,533	1,753	66	1,819
56 Gas storage tanks .....	220	27	247	10	30	40	—	30	30
57 Oil pipe lines .....	44,823	2,000	46,823	15,834	1,073	16,907	14,822	851	15,673
58 Gas pipe lines .....	12,652	896	13,548	21,879	469	22,348	128,075	746	128,821
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	201	26	227	361	8	369	337	11	348
61 Oil refinery — processing units .....	9	22	31	—	—	—	—	—	—
62 Natural gas cleaning plants .....	13	23	36	137	26	163	162	20	182
<b>Other Engineering Construction .....</b>	<b>11,873</b>	<b>11,387</b>	<b>23,260</b>	<b>5,801</b>	<b>10,296</b>	<b>16,097</b>	<b>21,541</b>	<b>11,609</b>	<b>33,150</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	6,642	8,166	14,808	4,765	7,981	12,746	19,456	8,970	28,426
64 Tunnels and subways .....	4,054	264	4,318	446	288	734	1,071	334	1,405
65 Incinerators .....	24	63	87	—	—	—	—	—	—
66 Park systems, landscaping, sodding, etc. ....	4	99	103	4	6	10	1	5	6
67 Swimming pools, tennis courts, outdoor recreation facilities ....	—	17	17	—	6	6	—	6	6
68 Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69 Fences, snowsheds, signs, guard rails .....	203	2,620	2,823	441	1,912	2,353	843	2,188	3,031
70 Other engineering construction .....	946	158	1,104	145	103	248	170	106	276



**TABLE 14. Trade Finance and Commercial Services**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Total Value of Construction .....	320,018	54,885	374,903	310,442	54,775	365,217	352,206	51,319	403,525
Total Building Construction .....	296,436	52,617	349,053	283,700	51,998	335,698	326,915	48,750	375,665
Residential .....	—	—	—	—	—	—	—	—	—
1 Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
Industrial .....	8,323	1,155	9,478	8,197	1,240	9,437	10,060	1,304	11,364
2 Factories, plants, workshops, food canneries .....	8,320	1,115	9,435	8,197	1,240	9,437	10,060	1,304	11,364
3 Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4 Railway stations, offices, roadway buildings .....	3	3	6	—	—	—	—	—	—
5 Railway shops, engine houses, water and fuel stations .....	—	37	37	—	—	—	—	—	—
Commercial .....	286,941	51,274	338,215	272,947	50,589	323,536	314,330	47,289	361,619
6 Warehouses, storehouses, refrigerated storage, etc. ....	40,731	4,350	45,081	30,822	5,175	35,997	40,949	5,953	46,902
7 Grain elevators .....	—	—	—	—	7	7	—	7	7
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	11,773	9,292	21,065	15,575	9,022	24,597	27,381	8,752	36,133
9 Office buildings .....	57,115	6,924	64,039	39,203	7,324	46,527	53,571	5,410	58,981
10 Stores, retail and wholesale .....	148,322	24,186	172,508	154,375	22,181	176,556	149,336	21,032	170,368
11 Garages and service stations .....	19,850	4,147	23,997	23,017	4,851	27,868	32,184	4,546	36,730
12 Theatres, arenas, amusement and recreational buildings .....	8,190	1,544	9,734	9,014	1,188	10,202	10,153	855	11,008
13 Laundries and dry cleaning establishments .....	960	831	1,791	941	841	1,782	756	734	1,490
Institutional .....	871	153	1,024	1,127	148	1,275	1,681	139	1,820
14 Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15 Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	871	153	1,024	1,127	148	1,275	1,681	139	1,820
17 Other institutional buildings .....	—	—	—	—	—	—	—	—	—
Other Building Construction .....	301	35	336	1,429	21	1,450	844	18	862
18 Farm buildings (excluding dwellings) .....	280	14	294	1,426	2	1,428	823	2	825
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20 Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21 Passenger terminals, bus, boat or air .....	—	7	7	—	17	17	—	16	16
22 Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps	2	11	13	3	2	5	—	—	—
24 Other building construction .....	19	3	22	—	—	—	21	—	21
Total Engineering Construction .....	23,582	2,268	25,850	26,742	2,777	29,519	25,291	2,569	27,860
Marine Construction .....	443	256	699	1,046	69	1,115	509	46	555
25 Docks, wharves, piers, breakwaters .....	371	247	618	1,022	66	1,088	498	45	543
26 Retaining walls, embankments, riprapping .....	44	5	49	11	2	13	3	1	4
27 Canals and waterways .....	—	—	—	—	—	—	—	—	—
28 Dredging and pile driving .....	2	2	4	—	—	—	8	—	8
29 Dyke construction .....	26	2	28	13	1	14	—	—	—
30 Logging booms .....	—	—	—	—	—	—	—	—	—
31 Other marine construction .....	—	—	—	—	—	—	—	—	—

TABLE 14. Trade Finance and Commercial Services - Concluded  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Road, Highway and Aerodrome Construction .....	9,721	436	10,157	10,605	648	11,253	10,008	561	10,569
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	8,680	271	8,951	9,245	419	9,664	8,687	371	9,058
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	125	96	221	289	119	408	203	96	299
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	29	11	40	192	5	197	10	7	17
35 Grading, scraping, oiling, filling .....	869	58	927	854	100	954	1,098	84	1,182
36 Sidewalks, paths .....	4	—	4	25	5	30	10	3	13
37 Aerodromes, landing fields, runways, tarmac .....	14	—	14	—	—	—	—	—	—
Waterworks and Sewage Systems .....	8,613	11	8,624	8,794	23	8,817	8,212	25	8,237
38 Tile drains, drainage ditches, storm sewers .....	206	3	209	193	3	196	218	4	222
39 Water mains, hydrants and services .....	4,235	3	4,238	4,342	4	4,346	4,050	2	4,052
40 Sewage systems and connections .....	4,092	1	4,093	4,135	16	4,151	3,893	18	3,911
41 Pumping stations, water .....	2	1	3	119	—	119	51	—	51
42 Water storage tanks .....	78	3	81	5	—	5	—	1	1
Dams and Irrigation .....	42	—	42	—	—	—	1	—	1
43 Dams and reservoirs .....	42	—	42	—	—	—	—	—	—
44 Irrigation and land reclamation projects .....	—	—	—	—	—	—	1	—	1
Electric Power Construction .....	30	5	35	58	—	58	126	—	126
45 Electric power generating plants, including water conveying and controlling structures .....	10	5	15	—	—	—	16	—	16
46 Electric transformer stations .....	2	—	2	20	—	20	20	—	20
47 Power transmission and distribution lines, trolley wires .....	13	—	13	—	—	—	20	—	20
48 Street lighting .....	5	—	5	38	—	38	70	—	70
Railway, Telephone and Telegraph .....	222	18	240	57	20	77	40	17	57
49 Railway tracks and roadbed .....	222	18	240	45	20	65	40	17	57
50 Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51 Telegraph and telephone lines, underground and marine cables ..	—	—	—	12	—	12	—	—	—
Gas and Oil Facilities .....	3,937	1,477	5,414	5,661	1,977	7,638	5,531	1,842	7,373
52 Gas mains and services .....	38	—	38	—	—	—	—	—	—
53 Pumping stations, oil .....	3	1	4	189	—	189	50	—	50
54 Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55 Oil storage tanks .....	2,393	635	3,028	4,362	1,502	5,864	4,170	1,837	6,007
56 Gas storage tanks .....	1,075	795	1,870	552	420	972	1,212	5	1,217
57 Oil pipe lines .....	351	46	397	350	55	405	83	—	83
58 Gas pipe lines .....	77	—	77	208	—	208	16	—	16
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	—	—	—	—	—	—	—	—	—
61 Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
Other Engineering Construction .....	574	65	639	521	40	561	864	78	942
63 Bridges, trestles, culverts, overpasses, viaducts .....	20	4	24	11	4	15	199	3	202
64 Tunnels and subways .....	—	—	—	25	—	25	3	—	3
65 Incinerators .....	—	—	—	1	—	1	43	—	43
66 Park systems, landscaping, sodding, etc. ....	273	11	284	33	13	46	188	15	203
67 Swimming pools, tennis courts, outdoor recreation facilities .....	26	—	26	246	1	247	29	40	69
68 Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69 Fences, snowsheds, signs, guard rails .....	255	50	305	205	22	227	402	20	422
70 Other engineering construction .....	—	—	—	—	—	—	—	—	—

**TABLE 15. Governments, 1954**  
(Thousand of dollars)

Type of structure	Federal			Provincial			Municipal		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>241,298</b>	<b>43,312</b>	<b>284,610</b>	<b>245,875</b>	<b>117,579</b>	<b>363,454</b>	<b>223,475</b>	<b>83,608</b>	<b>307,083</b>
<b>Total Building Construction .....</b>	<b>163,606</b>	<b>25,849</b>	<b>189,455</b>	<b>27,595</b>	<b>11,622</b>	<b>39,217</b>	<b>28,827</b>	<b>8,744</b>	<b>37,571</b>
2 Factories, plants, workshops, food canneries .....	26,903	2,470	29,373	220	148	368	1,277	298	1,575
6 Warehouses, storehouses, refrigerated storage, etc. ....	10,428	1,277	11,705	2,048	123	2,171	3,074	215	3,289
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,567	924	2,491	2,494	55	2,549	851	543	1,394
9 Office buildings .....	49,634	5,697	55,331	10,303	3,616	13,919	6,200	2,749	8,949
10 Stores, retail and wholesale .....	623	51	674	3	22	25	613	36	649
11 Garages and service stations .....	2,566	286	2,852	818	36	854	2,741	151	2,892
12 Theatres, arenas, amusement and recreational buildings .....	545	278	823	1,250	—	1,250	4,628	393	5,021
14 Schools and other educational buildings .....	4,878	955	5,833	95	526	621	—	—	—
15 Churches and other religious buildings .....	1,191	15	1,206	—	—	—	—	—	—
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	909	1,233	2,142	1,396	334	1,730	355	24	379
17 Other institutional buildings .....	16,313	1,685	17,998	7,897	6,229	14,126	4,577	392	4,969
18 Farm buildings (excluding dwellings) .....	1,717	183	1,900	54	41	95	—	—	—
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,193	355	4,548	40	5	45	—	—	—
20 Aeroplane hangars .....	8,688	1,723	10,411	—	—	—	194	7	201
22 Armouries, barracks, drill halls, etc. ....	29,196	6,638	35,834	17	34	51	—	1	1
24 Other building construction .....	4,255	2,079	6,334	960	453	1,413	4,317	3,935	8,252
<b>Total Engineering Construction .....</b>	<b>77,692</b>	<b>17,463</b>	<b>95,155</b>	<b>218,280</b>	<b>105,957</b>	<b>324,237</b>	<b>194,648</b>	<b>74,864</b>	<b>269,512</b>
25 Docks, wharves, piers, breakwaters .....	19,221	1,973	21,194	591	490	1,081	196	40	236
26 Retaining walls, embankments, riprapping .....	1,072	235	1,307	22	5	27	276	157	433
27 Canals and waterways .....	3,210	1,065	4,275	421	—	421	54	26	80
28 Dredges and pile driving .....	3,414	2,134	5,548	—	—	—	23	100	123
29 Dyke construction .....	843	147	990	8	3	11	101	91	192
31 Other marine construction .....	601	461	1,062	318	393	711	616	295	911
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	8,936	997	9,933	74,438	40,476	114,914	50,621	20,008	70,629
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	1,087	2,566	3,653	49,967	38,328	88,295	8,578	15,101	23,679
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	85	438	523	6,413	4,364	10,777	1,552	2,246	3,798
35 Grading, scraping, oiling, filling .....	715	891	1,606	44,977	9,708	54,685	3,734	11,030	14,764
36 Sidewalks, paths .....	1,081	114	1,195	780	428	1,208	15,629	3,945	19,574
37 Aerodromes, landing fields, runways, tarmac .....	6,192	335	6,527	—	—	—	71	376	447
38 Tile drains, drainage ditches, storm sewers .....	281	272	553	4,643	144	4,787	20,221	4,018	24,239
39 Water mains, hydrants and services .....	5,816	603	6,419	323	35	358	1,055	315	1,370
40 Sewage systems and connections .....	2,321	404	2,725	127	4	131	58,680	6,919	65,599
43 Dams and reservoirs .....	344	155	499	44	3	47	83	85	168
44 Irrigation and land reclamation projects .....	100	8	108	4,739	77	4,816	35	65	100
45 Electric power generating plants, including water conveying and controlling structures .....	847	296	1,143	164	—	164	—	—	—
46 Electric transformer stations .....	1,008	21	1,029	9	—	9	377	—	377
47 Power transmission and distribution lines, trolley wires .....	1,276	435	1,711	40	7	47	302	16	318
48 Street lighting (standards, brackets and luminaires) .....	174	79	253	30	163	193	895	283	1,178
49 Railway tracks and roadbed .....	6,741	174	6,915	—	—	—	8	—	8
51 Telegraph and telephone lines, underground and marine cables .....	791	95	886	189	41	230	289	20	309
63 Bridges, trestles, culverts, overpasses, viaducts .....	3,930	854	4,784	29,252	9,945	39,197	15,095	3,667	18,762
64 Tunnels and subways .....	212	46	258	41	—	41	2,962	85	3,047
65 Incinerators .....	16	17	33	2	3	5	4,928	268	5,196
66 Park systems, landscaping, sodding, etc. ....	1,181	950	2,131	287	678	965	2,581	3,328	5,909
67 Swimming pools, tennis courts, outdoor recreation facilities ....	106	127	233	40	198	238	3,530	732	4,262
69 Fences, snowsheds, signs, guard rails .....	411	411	822	395	461	856	642	1,552	2,194
70 Other engineering construction .....	5,680	1,160	6,840	20	3	23	1,514	96	1,610



**TABLE 16. Governments, 1955**  
(Thousands of dollars)

Type of structure	Federal			Provincial			Municipal		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>259,998</b>	<b>39,665</b>	<b>299,663</b>	<b>308,293</b>	<b>101,231</b>	<b>409,527</b>	<b>237,959</b>	<b>78,089</b>	<b>316,048</b>
<b>Total Building Construction .....</b>	<b>174,874</b>	<b>23,377</b>	<b>198,251</b>	<b>37,227</b>	<b>10,176</b>	<b>47,403</b>	<b>30,762</b>	<b>8,598</b>	<b>39,360</b>
2 Factories, plants, workshops, food canneries .....	30,664	2,291	32,955	30	38	68	4,332	630	4,962
6 Warehouses, storehouses, refrigerated storage, etc. ....	10,274	1,167	11,441	3,914	201	4,115	3,820	123	3,943
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,741	824	2,565	537	26	563	734	323	1,057
9 Office buildings .....	53,962	5,211	59,173	16,144	3,699	19,843	7,041	2,731	9,772
10 Stores, retail and wholesale .....	627	45	372	4	21	25	385	24	409
11 Garages and service stations .....	2,696	249	2,945	328	14	342	2,652	40	2,692
12 Theatres, arenas, amusement and recreational buildings .....	659	240	899	15	—	15	2,581	274	2,855
14 Schools and other educational buildings .....	4,878	754	5,632	26	429	455	—	—	—
15 Churches and other religious buildings .....	1,281	13	1,294	—	—	—	—	—	—
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,205	1,154	2,359	1,346	119	1,465	614	50	664
17 Other institutional buildings .....	17,590	1,556	19,146	13,808	5,354	19,162	4,197	409	4,606
18 Farm buildings (excluding dwellings) .....	1,709	152	1,861	17	38	55	—	—	—
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,262	337	4,599	—	—	—	—	—	—
20 Aeroplane hangars .....	8,392	1,504	9,896	—	—	—	—	5	5
22 Armouries, barracks, drill halls, etc. ....	30,885	6,087	36,972	22	22	44	—	—	—
24 Other building construction .....	4,049	1,793	5,842	1,036	215	1,251	4,406	3,989	8,395
<b>Total Engineering Construction .....</b>	<b>85,124</b>	<b>16,288</b>	<b>101,412</b>	<b>271,066</b>	<b>91,058</b>	<b>362,124</b>	<b>207,197</b>	<b>69,491</b>	<b>276,688</b>
25 Docks, wharves, piers, breakwaters .....	19,775	2,030	21,805	1,216	327	1,543	355	49	404
26 Retaining walls, embankments, riprapping .....	1,228	226	1,454	194	—	194	138	24	162
27 Canals and waterways .....	2,435	987	3,422	514	—	514	26	9	35
28 Dredges and pile driving .....	3,466	2,138	5,604	—	—	—	24	93	117
29 Dyke construction .....	630	133	763	—	—	—	85	63	148
31 Other marine construction .....	663	458	1,121	—	—	—	531	284	815
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	10,774	827	11,601	88,626	35,793	124,419	54,993	18,101	73,094
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	1,101	2,397	3,498	63,720	33,414	97,134	12,681	14,036	26,717
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	86	389	475	12,587	4,379	16,966	4,495	4,123	8,618
35 Grading, scraping, oiling, filling .....	646	819	1,465	50,155	6,768	56,923	4,675	9,349	14,024
36 Sidewalks, paths .....	1,147	105	1,252	—	41	41	15,894	3,602	19,496
37 Aerodromes, landing fields, runways, tarmac .....	6,970	295	7,265	31	1	32	31	70	101
38 Tile drains, drainage ditches, storm sewers .....	257	252	509	6,568	185	6,753	19,326	3,478	22,804
39 Water mains, hydrants and services .....	8,024	525	8,549	439	18	457	913	246	1,159
40 Sewage systems and connections .....	3,557	348	3,905	72	4	76	58,735	5,571	64,306
43 Dams and reservoirs .....	362	144	506	8	4	12	38	71	109
44 Irrigation and land reclamation projects .....	68	6	74	5,664	169	5,833	33	22	55
45 Electric power generating plants, uncluding water conveying and controlling structures .....	880	265	1,145	262	41	303	—	—	—
46 Electric transformer stations .....	1,069	20	1,089	12	—	12	328	—	328
47 Power transmission and distribution lines, trolley wires .....	1,331	400	1,731	46	7	53	263	16	279
48 Street lighting (standards, brackets and luminaires) .....	159	72	231	39	151	190	863	638	1,501
49 Railway tracks and roadbed .....	5,751	161	5,912	—	—	—	11	—	11
51 Telegraph and telephone lines, underground and marine cables .....	793	87	880	56	6	62	250	19	269
63 Bridges, trestles, culverts, overpasses, viaducts .....	3,845	817	4,662	40,319	8,541	48,860	13,774	3,883	17,657
64 Tunnels and subways .....	250	41	291	—	—	—	3,016	62	3,078
65 Incinerators .....	14	17	31	3	3	6	3,700	633	4,333
66 Park systems, landscaping, sodding, etc. ....	1,113	814	1,927	131	515	646	2,169	1,539	3,708
67 Swimming pools, tennis courts, outdoor recreation facilities ....	90	107	197	96	418	514	3,208	347	3,555
69 Fences, snowsheds, signs, guard rails .....	405	377	782	268	263	531	571	1,427	1,998
70 Other engineering construction .....	8,235	1,031	9,266	40	10	50	6,071	1,736	7,807

**TABLE 17. Governments, 1956**  
(Thousands of dollars)

Type of structure	Federal			Provincial			Municipal		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>284,509</b>	<b>47,209</b>	<b>331,718</b>	<b>401,761</b>	<b>108,807</b>	<b>510,568</b>	<b>254,460</b>	<b>78,595</b>	<b>333,055</b>
<b>Total Building Construction .....</b>	<b>194,421</b>	<b>27,948</b>	<b>222,369</b>	<b>45,370</b>	<b>10,898</b>	<b>56,268</b>	<b>38,601</b>	<b>8,643</b>	<b>47,244</b>
Factories, plants, workshops, food canneries .....	33,156	2,713	35,869	30	37	67	6,688	742	7,430
6 Warehouses, storehouses, refrigerated storage, etc. ....	11,190	1,375	12,565	4,571	197	4,768	4,197	124	4,321
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,954	1,006	2,960	921	37	958	654	323	977
9 Office buildings .....	60,782	6,169	66,951	18,907	3,936	22,843	9,129	2,674	11,803
10 Stores, retail and wholesale .....	694	53	747	5	21	26	342	24	366
11 Garages and service stations .....	3,020	308	3,328	512	15	527	2,973	46	3,019
12 Theatres, arenas, amusement and recreational buildings .....	721	291	1,012	15	—	15	3,829	277	4,106
14 Schools and other educational buildings .....	5,328	919	6,247	26	440	466	—	—	—
15 Churches and other religious buildings .....	1,437	16	1,453	—	—	—	—	—	—
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,346	1,371	2,717	53	30	83	667	26	693
17 Other institutional buildings .....	19,776	1,822	21,598	19,068	5,893	24,961	5,880	423	6,303
18 Farm buildings (excluding dwellings) .....	1,813	183	1,996	22	39	61	—	—	—
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,763	378	5,141	—	—	—	—	—	—
20 Aeroplane hangars .....	9,580	1,856	11,436	—	—	—	—	5	5
22 Armouries, barracks, drill halls, etc. ....	34,307	7,373	41,680	28	22	50	—	—	—
24 Other building construction .....	4,554	2,115	6,669	1,212	231	1,443	4,242	3,979	8,221
<b>Total Engineering Construction .....</b>	<b>90,088</b>	<b>19,261</b>	<b>109,349</b>	<b>356,391</b>	<b>97,909</b>	<b>454,300</b>	<b>215,859</b>	<b>69,952</b>	<b>285,811</b>
25 Docks, wharves, piers, breakwaters .....	20,241	2,343	22,584	1,435	361	1,796	319	37	356
26 Retaining walls, embankments, riprapping .....	1,358	261	1,619	327	—	327	136	27	163
27 Canals and waterways .....	2,087	1,148	3,235	525	—	525	26	9	35
28 Dredges and pile driving .....	3,508	2,525	6,033	—	—	—	25	94	119
29 Dyke construction .....	533	150	683	—	—	—	89	64	153
31 Other marine construction .....	704	521	1,225	—	—	—	472	284	756
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	12,029	1,031	13,060	119,564	37,918	157,482	54,832	18,316	73,148
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	1,184	2,814	3,998	80,195	36,428	116,623	13,077	14,112	27,189
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	91	471	562	23,307	4,780	28,087	4,369	3,998	8,367
35 Grading, scraping, oiling, filling .....	690	940	1,630	67,845	7,438	75,283	5,270	9,406	14,676
36 Sidewalks, paths .....	1,120	122	1,242	—	42	42	15,880	3,649	19,529
37 Aerodromes, landing fields, runways, tarmac .....	7,580	359	7,939	25	10	35	31	73	104
38 Tile drains, drainage ditches, storm sewers .....	311	307	618	6,402	181	6,583	22,008	3,500	25,508
39 Water mains, hydrants and services .....	8,706	641	9,347	634	22	656	832	246	1,078
40 Sewage systems and connections .....	3,778	425	4,203	94	4	98	61,905	5,594	67,499
43 Dams and reservoirs .....	392	172	564	13	—	13	35	72	107
44 Irrigation and land reclamation projects .....	65	7	72	5,762	193	5,955	36	22	58
45 Electric power generating plants, including water conveying and controlling structures .....	903	313	1,216	341	—	341	—	—	—
46 Electric transformer stations .....	1,151	22	1,173	15	—	15	291	—	291
47 Power transmission and distribution lines, trolley wires .....	1,485	472	1,957	60	7	67	233	16	249
48 Street lighting (standards, brackets and luminaires) .....	172	84	256	50	154	204	1,016	646	1,662
49 Railway tracks and roadbed .....	6,125	194	6,319	—	—	—	12	—	12
51 Telegraph and telephone lines, underground and marine cables .....	827	103	930	66	4	70	223	19	242
63 Bridges, trestles, culverts, overpasses, viaducts .....	4,131	936	5,067	48,870	9,015	57,885	15,871	3,943	19,814
64 Tunnels and subways .....	291	47	338	—	—	—	3,717	83	3,800
65 Incinerators .....	17	21	38	3	3	6	3,675	683	4,358
66 Park systems, landscaping, sodding, etc. ....	1,210	996	2,206	195	530	725	2,158	1,546	3,704
67 Swimming pools, tennis courts, outdoor recreation facilities .....	93	135	228	253	536	789	3,481	350	3,831
69 Fences, snowsheds, signs, guard rails .....	457	448	905	344	268	612	593	1,456	2,049
70 Other engineering construction .....	8,849	1,253	10,102	66	15	81	5,247	1,707	6,954

**TABLE 18. Housing and Institutional Services**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Housing:</b>									
1 Dwellings, single, double, duplexes and apart- ments .....	1,178,000	221,900	1,399,900	1,495,700	238,000	1,733,700	1,573,500	252,300	1,825,800
<b>Institutions:</b>									
<b>Total Value of Work Performed .....</b>	<b>296,759</b>	<b>34,743</b>	<b>331,502</b>	<b>369,700</b>	<b>39,443</b>	<b>409,143</b>	<b>402,160</b>	<b>42,667</b>	<b>444,827</b>
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,336	14	2,350	50	4	54	74	5	79
9 Office buildings .....	1,117	20	1,137	342	374	716	320	223	543
12 Theatres, arenas, amusement and recreational buildings .....	173	10	183	840	16	856	3,615	24	3,639
13 Laundries and dry cleaning establishments .....	50	—	50	1,179	—	1,179	1	—	1
14 Schools and other educational buildings .....	150,441	18,369	168,810	196,554	21,396	217,950	215,116	21,565	236,681
15 Churches and other religious buildings .....	31,108	6,151	37,259	34,058	6,375	40,433	43,988	5,521	49,509
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	106,811	9,195	116,006	129,555	9,850	139,405	129,451	13,808	143,259
17 Other institutional buildings .....	3,273	416	3,689	4,718	895	5,613	8,462	1,038	9,500
23 Bunkhouses, dormitories, cookeries, residence buildings .....	115	149	264	802	132	934	156	111	267
24 Other building construction .....	245	26	271	392	91	483	83	41	124
All engineering construction .....	1,090	393	1,483	1,210	310	1,520	894	331	1,225



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1954-1956<sup>1</sup>

TABLE 19. Newfoundland  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>49,611</b>	<b>17,761</b>	<b>67,372</b>	<b>60,802</b>	<b>18,220</b>	<b>79,022</b>	<b>68,003</b>	<b>19,322</b>	<b>87,325</b>
<b>Total Building Construction .....</b>	<b>29,875</b>	<b>7,625</b>	<b>37,500</b>	<b>35,244</b>	<b>10,757</b>	<b>46,001</b>	<b>41,979</b>	<b>10,531</b>	<b>52,510</b>
Residential .....	15,200	2,400	17,600	16,400	5,000	21,400	22,100	5,300	27,400
Industrial .....	3,537	1,917	5,454	4,814	2,128	6,942	2,053	1,859	3,912
Commercial .....	4,570	1,847	6,417	5,490	1,155	6,645	6,458	1,080	7,538
Institutional.....	4,186	841	5,027	5,665	1,534	7,199	8,882	1,195	10,077
Other Building Construction .....	2,382	620	3,002	2,875	940	3,815	2,486	1,097	3,583
<b>Total Engineering Construction .....</b>	<b>19,736</b>	<b>10,136</b>	<b>29,872</b>	<b>25,558</b>	<b>7,463</b>	<b>33,021</b>	<b>26,024</b>	<b>8,791</b>	<b>34,815</b>
Marine Construction .....	3,041	1,226	4,267	3,746	1,011	4,757	3,490	1,066	4,556
Road, Highway and Aerodrome Construction .....	9,124	3,669	12,793	14,049	4,394	18,443	14,266	4,904	19,170
Waterworks and Sewage Systems .....	2,212	432	2,644	796	374	1,170	621	423	1,044
Dams and Irrigation.....	211	168	379	225	60	285	167	67	234
Electric Power Construction.....	1,986	603	2,589	4,530	472	5,002	4,546	622	5,168
Railway, Telephone and Telegraph .....	747	3,517	4,264	402	927	1,329	1,284	1,449	2,733
Gas and Oil Facilities.....	677	63	740	939	51	990	494	51	545
Other Engineering Construction .....	1,738	458	2,196	871	174	1,045	1,156	209	1,365

TABLE 20. Prince Edward Island  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>11,432</b>	<b>4,157</b>	<b>15,589</b>	<b>12,917</b>	<b>5,586</b>	<b>18,503</b>	<b>12,804</b>	<b>5,767</b>	<b>18,571</b>
<b>Total Building Construction .....</b>	<b>6,674</b>	<b>1,899</b>	<b>8,573</b>	<b>8,017</b>	<b>3,276</b>	<b>11,293</b>	<b>8,230</b>	<b>3,336</b>	<b>11,566</b>
Residential .....	2,000	400	2,400	3,100	1,700	4,800	3,100	1,800	4,900
Industrial .....	29	173	202	110	186	296	85	125	210
Commercial .....	2,468	307	2,775	2,915	260	3,175	2,690	267	2,957
Institutional.....	1,571	174	1,745	1,152	203	1,355	1,642	189	1,831
Other Building Construction .....	606	845	1,451	740	927	1,667	713	955	1,668
<b>Total Engineering Construction .....</b>	<b>4,758</b>	<b>2,258</b>	<b>7,016</b>	<b>4,900</b>	<b>2,310</b>	<b>7,210</b>	<b>4,574</b>	<b>2,431</b>	<b>7,005</b>
Marine Construction .....	297	268	565	563	342	905	448	340	788
Road, Highway and Aerodrome Construction.....	3,124	999	4,123	2,585	864	3,449	2,388	905	3,293
Waterworks and Sewage Systems .....	18	96	114	18	79	97	34	78	112
Dams and Irrigation .....	39	23	62	44	24	68	45	26	71
Electric Power Construction.....	752	120	872	479	173	652	1,071	164	1,235
Railway, Telephone and Telegraph .....	185	562	747	244	491	735	293	724	1,017
Gas and Oil Facilities.....	7	1	8	700	152	852	18	1	19
Other Engineering Construction .....	336	189	525	267	185	452	277	193	470

1. Actual 1954, Preliminary 1955, Intentions 1956.



**TABLE 21. Nova Scotia**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>98,671</b>	<b>37,347</b>	<b>136,018</b>	<b>107,736</b>	<b>32,716</b>	<b>140,452</b>	<b>115,070</b>	<b>35,731</b>	<b>150,801</b>
<b>Total Building Construction .....</b>	<b>60,619</b>	<b>16,830</b>	<b>77,449</b>	<b>59,366</b>	<b>21,462</b>	<b>80,828</b>	<b>63,482</b>	<b>22,379</b>	<b>85,861</b>
<b>Residential .....</b>	<b>28,000</b>	<b>5,100</b>	<b>33,100</b>	<b>31,400</b>	<b>10,700</b>	<b>42,100</b>	<b>33,000</b>	<b>11,300</b>	<b>44,300</b>
1 Dwellings, single, double, duplexes and apartments .....	28,000	5,100	33,100	31,400	10,700	42,100	33,000	11,300	44,300
<b>Industrial .....</b>	<b>2,178</b>	<b>5,011</b>	<b>7,189</b>	<b>2,245</b>	<b>4,501</b>	<b>6,746</b>	<b>7,211</b>	<b>4,600</b>	<b>11,811</b>
2 Factories, plants, workshops, food canneries .....	1,806	4,576	6,382	1,792	3,957	5,749	5,284	3,858	9,142
3 Mine and mine mill buildings .....	145	79	224	310	90	400	1,685	189	1,874
4 Railway stations, offices, roadway buildings .....	142	222	364	84	283	367	141	323	464
5 Railway shops, engine houses, water and fuel stations .....	85	134	219	59	171	230	101	230	331
<b>Commercial .....</b>	<b>14,813</b>	<b>2,702</b>	<b>17,515</b>	<b>10,609</b>	<b>2,216</b>	<b>12,825</b>	<b>11,236</b>	<b>2,129</b>	<b>13,365</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	3,425	562	3,987	1,690	452	2,142	1,259	476	1,735
7 Grain elevators .....	390	27	417	73	36	109	619	30	649
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	85	201	286	181	175	356	122	202	324
9 Office buildings .....	4,450	810	5,260	3,404	564	3,968	3,479	563	4,042
10 Stores, retail and wholesale .....	5,439	855	6,294	4,123	728	4,851	4,572	667	5,239
11 Garages and service stations .....	757	158	915	623	124	747	999	101	1,100
12 Theatres, arenas, amusement and recreational buildings .....	221	65	286	355	126	481	114	63	177
13 Laundries and dry cleaning establishments .....	46	24	70	160	11	171	72	27	99
<b>Institutional .....</b>	<b>9,665</b>	<b>1,395</b>	<b>11,060</b>	<b>9,557</b>	<b>1,242</b>	<b>10,799</b>	<b>7,258</b>	<b>1,230</b>	<b>8,488</b>
14 Schools and other educational buildings .....	4,874	451	5,325	5,877	505	6,382	4,775	504	5,279
15 Churches and other religious buildings .....	947	386	1,333	428	324	752	1,295	287	1,582
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,801	394	3,195	2,407	251	2,658	543	267	810
17 Other institutional buildings .....	1,043	164	1,207	845	162	1,007	645	172	817
<b>Other Building Construction .....</b>	<b>5,963</b>	<b>2,622</b>	<b>8,585</b>	<b>5,555</b>	<b>2,803</b>	<b>8,358</b>	<b>4,777</b>	<b>3,120</b>	<b>7,897</b>
18 Farm buildings (excluding dwellings) .....	1,193	1,364	2,557	1,333	1,402	2,735	1,271	1,483	2,754
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	499	44	543	615	51	666	236	135	371
20 Aeroplane hangers .....	1,354	6	1,360	984	—	984	821	—	821
21 Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	2,241	505	2,746	1,649	460	2,109	1,376	515	1,891
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	210	63	273	631	309	940	787	337	1,124
24 Other building construction .....	466	640	1,106	343	581	924	286	650	936
<b>Total Engineering Construction .....</b>	<b>38,052</b>	<b>20,517</b>	<b>58,569</b>	<b>48,370</b>	<b>11,254</b>	<b>59,624</b>	<b>51,588</b>	<b>13,352</b>	<b>64,940</b>
<b>Marine Construction .....</b>	<b>12,773</b>	<b>1,804</b>	<b>14,577</b>	<b>9,831</b>	<b>1,660</b>	<b>11,491</b>	<b>8,941</b>	<b>1,500</b>	<b>10,441</b>
25 Docks, wharves, piers, breakwaters .....	7,632	999	8,631	6,091	1,191	7,282	5,812	974	6,786
26 Retaining walls, embankments, riprapping .....	136	64	200	110	49	159	86	57	143
27 Canals and waterways .....	3,026	5	3,031	2,226	5	2,231	1,858	5	1,863
28 Dredging and pile driving .....	1,052	224	1,276	774	204	978	646	228	874
29 Dyke construction .....	817	128	945	601	117	718	502	131	633
30 Logging booms .....	—	—	—	—	5	5	—	7	7
31 Other marine construction .....	110	384	494	29	89	118	37	98	135

**TABLE 21. Nova Scotia — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>7,736</b>	<b>9,364</b>	<b>17,100</b>	<b>10,040</b>	<b>852</b>	<b>10,892</b>	<b>11,101</b>	<b>1,232</b>	<b>12,333</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	6,246	2,131	8,377	9,060	186	9,246	9,956	287	10,243
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	462	7,045	7,507	353	483	836	411	661	1,072
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	13	77	90	11	73	84	13	112	125
35 Grading, scraping, oiling, filling .....	315	84	399	3	83	86	2	132	134
36 Sidewalks, paths .....	474	17	491	447	17	464	580	27	607
37 Aerodromes, landing fields, runways, tarmac .....	226	10	236	166	10	176	139	13	152
<b>Waterworks and Sewage Systems .....</b>	<b>1,256</b>	<b>422</b>	<b>1,678</b>	<b>1,410</b>	<b>399</b>	<b>1,809</b>	<b>1,411</b>	<b>461</b>	<b>1,872</b>
38 Tile drains, drainage ditches, storm sewers .....	5	47	52	5	46	51	4	70	74
39 Water mains, hydrants and services .....	777	293	1,070	792	273	1,065	853	294	1,147
40 Sewage systems and connections .....	464	65	529	421	65	486	541	90	631
41 Pumping stations, water .....	10	10	20	176	15	191	13	—	13
42 Water storage tanks .....	—	7	7	16	—	16	—	7	7
<b>Dams and Irrigation .....</b>	<b>332</b>	<b>124</b>	<b>456</b>	<b>728</b>	<b>135</b>	<b>863</b>	<b>477</b>	<b>143</b>	<b>620</b>
43 Dams and reservoirs .....	234	79	313	625	88	713	371	94	465
44 Irrigation and land reclamation projects .....	98	45	143	103	47	150	106	49	155
<b>Electric Power Construction .....</b>	<b>5,722</b>	<b>895</b>	<b>6,617</b>	<b>4,352</b>	<b>913</b>	<b>5,265</b>	<b>5,510</b>	<b>959</b>	<b>6,469</b>
45 Electric power generating plants, including water conveying and controlling structures .....	2,219	88	2,307	1,876	101	1,977	1,807	110	1,917
46 Electric transformer stations .....	1,681	107	1,788	298	38	336	653	54	707
47 Power transmission and distribution lines, trolley wires .....	1,640	599	2,239	2,131	715	2,846	2,997	731	3,728
48 Street lighting .....	182	101	283	47	59	106	53	64	117
<b>Railway, Telephone and Telegraph .....</b>	<b>5,312</b>	<b>4,591</b>	<b>9,903</b>	<b>5,419</b>	<b>5,268</b>	<b>10,687</b>	<b>4,942</b>	<b>7,254</b>	<b>12,196</b>
49 Railway tracks and roadbed .....	3,483	3,677	7,160	3,476	4,381	7,857	2,506	6,244	8,750
50 Signals and interlockers .....	53	64	117	27	93	120	47	106	153
51 Telegraph and telephone lines, underground and marine cables .....	1,776	850	2,626	1,916	794	2,710	2,389	904	3,293
<b>Gas and Oil Facilities .....</b>	<b>1,510</b>	<b>892</b>	<b>2,402</b>	<b>13,319</b>	<b>1,088</b>	<b>14,407</b>	<b>16,097</b>	<b>912</b>	<b>17,009</b>
52 Gas mains and services .....	—	—	—	—	—	—	—	—	—
53 Pumping stations, oil .....	2	—	2	74	—	74	33	—	33
54 Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55 Oil storage tanks .....	411	260	671	19	261	280	38	61	99
56 Gas storage tanks .....	—	—	—	—	—	—	2	—	2
57 Oil pipe lines .....	252	—	252	26	—	26	24	—	24
58 Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	—	—	—	—	—	—	—	—	—
61 Oil refinery — processing units .....	845	632	1,477	13,200	827	14,027	16,000	851	16,851
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>3,411</b>	<b>2,425</b>	<b>5,836</b>	<b>3,271</b>	<b>939</b>	<b>4,210</b>	<b>3,109</b>	<b>891</b>	<b>4,000</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	2,291	1,720	4,011	2,673	258	2,931	2,810	301	3,111
64 Tunnels and subways .....	7	37	44	6	37	43	10	42	52
65 Incinerators .....	—	1	1	—	2	2	—	2	2
66 Park systems, landscaping, sodding, etc. ....	30	38	68	25	30	55	31	38	69
67 Swimming pools, tennis courts, outdoor recreation facilities ....	1	4	5	3	4	7	1	6	7
68 Mine shafts and other below surface workings .....	945	243	1,188	430	251	681	116	110	226
69 Fences, snowsheds, signs, guard rails .....	106	299	405	111	281	392	122	307	429
70 Other engineering construction .....	31	83	114	23	76	99	19	85	104

**TABLE 22. New Brunswick**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>79,649</b>	<b>31,326</b>	<b>110,975</b>	<b>114,033</b>	<b>35,304</b>	<b>149,337</b>	<b>141,391</b>	<b>39,091</b>	<b>180,482</b>
<b>Total Building Construction .....</b>	<b>43,594</b>	<b>11,665</b>	<b>55,259</b>	<b>61,004</b>	<b>16,124</b>	<b>77,128</b>	<b>86,785</b>	<b>17,111</b>	<b>103,896</b>
<b>Residential .....</b>	<b>19,900</b>	<b>3,600</b>	<b>23,500</b>	<b>31,400</b>	<b>8,100</b>	<b>39,500</b>	<b>48,800</b>	<b>8,600</b>	<b>57,400</b>
1 Dwellings, single, double, duplexes and apartments .....	19,900	3,600	23,500	31,400	8,100	39,500	48,800	8,600	57,400
<b>Industrial .....</b>	<b>3,158</b>	<b>2,234</b>	<b>5,392</b>	<b>3,218</b>	<b>2,247</b>	<b>5,465</b>	<b>7,323</b>	<b>2,180</b>	<b>9,503</b>
2 Factories, plants, workshops, food canneries .....	2,225	1,189	3,414	2,775	1,247	4,022	3,967	768	4,735
3 Mine and mine mill buildings .....	471	12	483	115	47	162	2,958	53	3,011
4 Railway stations, offices, roadway buildings .....	316	522	838	134	513	647	235	559	794
5 Railway shops, engine houses, water and fuel stations .....	146	511	657	194	440	634	163	800	963
<b>Commercial .....</b>	<b>9,352</b>	<b>2,695</b>	<b>12,047</b>	<b>10,207</b>	<b>1,932</b>	<b>12,139</b>	<b>11,144</b>	<b>1,900</b>	<b>13,044</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	2,208	604	2,812	1,533	400	1,933	1,769	392	2,161
7 Grain elevators .....	6	108	114	1	33	34	186	41	227
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	529	284	813	526	288	814	375	321	696
9 Office buildings .....	2,074	697	2,771	3,018	511	3,529	3,672	524	4,196
10 Stores, retail and wholesale .....	3,305	624	3,929	3,607	505	4,112	3,520	465	3,985
11 Garages and service stations .....	667	173	840	960	91	1,051	1,164	94	1,258
12 Theatres, arenas, amusement and recreational buildings .....	561	182	743	520	70	590	458	36	494
13 Laundries and dry cleaning establishments .....	2	23	25	42	34	76	—	27	27
<b>Institutional .....</b>	<b>7,710</b>	<b>1,034</b>	<b>8,744</b>	<b>9,856</b>	<b>1,068</b>	<b>10,924</b>	<b>11,898</b>	<b>1,169</b>	<b>13,067</b>
14 Schools and other educational buildings .....	3,898	206	4,104	3,471	284	3,755	3,774	309	4,083
15 Churches and other religious buildings .....	906	144	1,050	1,624	97	1,721	1,253	130	1,383
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,437	584	3,021	3,952	406	4,358	5,941	444	6,385
17 Other institutional buildings .....	469	100	569	809	281	1,090	930	286	1,216
<b>Other Building Construction .....</b>	<b>3,474</b>	<b>2,102</b>	<b>5,576</b>	<b>6,323</b>	<b>2,777</b>	<b>9,100</b>	<b>7,620</b>	<b>3,262</b>	<b>10,882</b>
18 Farm buildings (excluding dwellings) .....	1,173	1,319	2,492	1,265	1,371	2,636	1,292	1,454	2,746
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	567	73	640	806	84	890	2,072	86	2,158
20 Aeroplane hangars .....	69	150	219	69	189	258	72	240	312
21 Passenger terminals, bus, boat or air .....	—	2	2	24	—	24	11	—	11
22 Armouries, barracks, drill halls, etc. ....	1,336	302	1,638	2,295	401	2,696	2,417	511	2,928
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps	240	68	308	1,741	653	2,394	1,557	868	2,425
24 Other building construction .....	89	188	277	123	79	202	199	103	302
<b>Total Engineering Construction .....</b>	<b>36,055</b>	<b>19,661</b>	<b>55,716</b>	<b>53,029</b>	<b>19,180</b>	<b>72,209</b>	<b>54,606</b>	<b>21,980</b>	<b>76,586</b>
<b>Marine Construction .....</b>	<b>2,889</b>	<b>1,463</b>	<b>4,352</b>	<b>2,189</b>	<b>1,499</b>	<b>3,688</b>	<b>2,301</b>	<b>1,691</b>	<b>3,992</b>
25 Pocks, wharves, piers, breakwaters .....	2,640	666	3,306	1,771	648	2,419	1,871	765	2,636
26 Retaining walls, embankments, riprapping .....	72	17	89	112	12	124	118	15	133
27 Canals and waterways .....	—	—	—	—	—	—	—	—	—
28 Dredging and pile driving .....	144	574	718	252	714	966	290	772	1,062
29 Dyke construction .....	—	—	—	—	1	1	—	—	—
30 Logging booms .....	—	132	132	—	7	7	—	6	6
31 Other marine construction .....	33	74	107	54	117	171	22	133	155



**TABLE 22. New Brunswick — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>13, 116</b>	<b>6, 487</b>	<b>19, 603</b>	<b>16, 481</b>	<b>6, 364</b>	<b>22, 845</b>	<b>15, 088</b>	<b>6, 373</b>	<b>21, 461</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	9, 411	64	9, 475	11, 002	84	11, 086	10, 321	95	10, 416
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	2, 088	5, 655	7, 743	4, 157	5, 753	9, 910	3, 197	5, 755	8, 952
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	1, 323	713	2, 036	1, 018	507	1, 525	1, 310	464	1, 774
35 Grading, scraping, oiling, filling .....	34	25	59	10	3	13	11	3	14
36 Sidewalks, paths .....	167	28	195	158	17	175	106	56	162
37 Aerodromes, landing fields, runways, tarmac .....	93	2	95	136	—	136	143	—	143
<b>Waterworks and Sewage Systems .....</b>	<b>5, 170</b>	<b>563</b>	<b>5, 733</b>	<b>8, 495</b>	<b>762</b>	<b>9, 257</b>	<b>9, 075</b>	<b>676</b>	<b>9, 751</b>
38 Tile drains, drainage ditches, storm sewers .....	43	30	73	219	35	254	164	43	207
39 Water mains, hydrants and services .....	3, 168	463	3, 631	5, 109	538	5, 647	5, 395	540	5, 935
40 Sewage systems and connections .....	1, 879	68	1, 947	3, 137	93	3, 230	3, 456	93	3, 549
41 Pumping stations, water .....	74	2	76	30	—	30	60	—	60
42 Water storage tanks .....	6	—	6	—	96	96	—	—	—
<b>Dams and Irrigation .....</b>	<b>96</b>	<b>128</b>	<b>224</b>	<b>141</b>	<b>48</b>	<b>189</b>	<b>147</b>	<b>185</b>	<b>332</b>
43 Dams and reservoirs .....	8	87	95	49	6	55	52	140	192
44 Irrigation and land reclamation projects .....	88	41	129	92	42	134	95	45	140
<b>Electric Power Construction .....</b>	<b>5, 218</b>	<b>494</b>	<b>5, 712</b>	<b>13, 236</b>	<b>1, 036</b>	<b>14, 272</b>	<b>13, 242</b>	<b>949</b>	<b>14, 191</b>
45 Electric power generating plants, including water conveying and controlling structures .....	4, 533	99	4, 632	9, 718	301	10, 019	9, 871	158	10, 029
46 Electric transformer stations .....	161	38	199	299	34	333	592	31	623
47 Power transmission and distribution lines, trolley wires .....	500	345	845	3, 184	687	3, 871	2, 735	745	3, 480
48 Street lighting .....	24	12	36	35	14	49	44	15	59
<b>Railway, Telephone and Telegraph .....</b>	<b>3, 672</b>	<b>8, 760</b>	<b>12, 432</b>	<b>3, 921</b>	<b>7, 838</b>	<b>11, 759</b>	<b>4, 434</b>	<b>10, 358</b>	<b>14, 792</b>
49 Railway tracks and roadbed .....	1, 211	7, 403	8, 614	1, 686	6, 722	8, 408	1, 188	9, 127	10, 315
50 Signals and interlockers .....	126	237	363	43	192	235	86	203	289
51 Telegraph and telephone lines, underground and marine cables .....	2, 335	1, 120	3, 455	2, 192	924	3, 116	3, 160	1, 028	4, 188
<b>Gas and Oil Facilities .....</b>	<b>249</b>	<b>10</b>	<b>259</b>	<b>68</b>	<b>16</b>	<b>84</b>	<b>115</b>	<b>42</b>	<b>157</b>
52 Gas mains and services .....	—	7	7	—	9	9	—	9	9
53 Pumping stations, oil .....	—	—	—	22	—	22	13	—	13
54 Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55 Oil storage tanks .....	159	3	162	21	2	23	71	28	99
56 Gas storage tanks .....	6	—	6	4	—	4	5	—	5
57 Oil pipe lines .....	56	—	56	6	—	6	5	—	5
58 Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	28	—	28	15	5	20	21	5	26
61 Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>5, 645</b>	<b>1, 756</b>	<b>7, 401</b>	<b>8, 498</b>	<b>1, 617</b>	<b>10, 115</b>	<b>10, 204</b>	<b>1, 706</b>	<b>11, 910</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	1, 379	1, 357	2, 736	1, 109	1, 212	2, 321	1, 656	1, 251	2, 907
64 Tunnels and subways .....	9	11	20	6	16	22	11	17	28
65 Incinerators .....	—	10	10	—	20	20	—	14	14
66 Park systems, landscaping, sodding, etc. ....	11	46	57	26	37	63	15	47	62
67 Swimming pools, tennis courts, outdoor recreation facilities ....	3	1	4	205	—	205	5	—	5
68 Mine shafts and other below surface workings .....	425	2	427	876	—	876	2, 056	—	2, 056
69 Fences, snowsheds, signs, guard rails .....	240	288	528	119	276	395	140	303	443
70 Other engineering construction .....	3, 578	41	3, 619	6, 157	56	6, 213	6, 321	74	6, 395

TABLE 23. Quebec  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>941,039</b>	<b>219,408</b>	<b>1,160,447</b>	<b>1,115,877</b>	<b>227,025</b>	<b>1,342,902</b>	<b>1,240,061</b>	<b>251,151</b>	<b>1,491,212</b>
<b>Total Building Construction .....</b>	<b>591,539</b>	<b>136,326</b>	<b>727,865</b>	<b>748,812</b>	<b>139,933</b>	<b>888,775</b>	<b>814,118</b>	<b>148,940</b>	<b>963,058</b>
<b>Residential .....</b>	<b>293,600</b>	<b>57,700</b>	<b>351,300</b>	<b>421,800</b>	<b>59,700</b>	<b>481,500</b>	<b>461,000</b>	<b>63,300</b>	<b>524,300</b>
1 Dwellings, single, double, duplexes and apartments .....	293,600	57,700	351,300	421,800	59,700	481,500	461,000	63,300	524,300
<b>Industrial .....</b>	<b>61,898</b>	<b>24,572</b>	<b>86,470</b>	<b>73,633</b>	<b>26,086</b>	<b>99,719</b>	<b>92,403</b>	<b>27,313</b>	<b>119,716</b>
2 Factories, plants, workshops, food canneries .....	46,651	18,883	65,534	65,648	20,378	86,026	79,031	21,176	100,207
3 Mine and mine mill buildings .....	9,697	1,639	11,336	5,821	2,325	8,146	11,323	2,279	13,602
4 Railway stations, offices, roadway buildings .....	2,843	1,803	4,646	744	1,748	2,492	1,367	1,921	3,288
5 Railway shops, engine houses, water and fuel stations .....	2,707	2,247	4,954	1,420	1,635	3,055	382	1,937	2,619
<b>Commercial .....</b>	<b>100,783</b>	<b>17,115</b>	<b>117,898</b>	<b>98,250</b>	<b>16,693</b>	<b>114,943</b>	<b>119,075</b>	<b>16,390</b>	<b>135,465</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	20,637	1,973	22,610	14,209	2,563	16,772	18,966	2,699	21,665
7 Grain elevators .....	3,333	526	3,859	239	484	723	3,143	645	3,788
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,316	2,557	6,873	6,429	2,645	9,074	11,814	2,386	14,200
9 Office buildings .....	27,325	4,041	31,366	27,184	3,642	30,826	28,669	3,656	32,325
10 Stores, retail and wholesale .....	33,385	5,951	39,336	35,952	4,802	40,754	37,233	4,995	42,228
11 Garages and service stations .....	10,078	1,305	11,383	10,154	1,775	11,929	14,013	1,360	15,373
12 Theatres, arenas, amusement and recreational buildings .....	1,512	471	1,983	2,977	497	3,474	5,125	379	5,504
13 Laundries and dry cleaning establishments .....	197	291	488	1,106	285	1,391	112	270	382
<b>Institutional .....</b>	<b>102,770</b>	<b>17,274</b>	<b>120,044</b>	<b>120,513</b>	<b>17,156</b>	<b>137,669</b>	<b>103,709</b>	<b>20,977</b>	<b>124,686</b>
14 Schools and other educational buildings .....	43,404	6,439	49,843	54,249	6,776	61,025	54,301	6,792	61,093
15 Churches and other religious buildings .....	10,440	3,229	13,669	6,687	2,788	9,475	10,566	2,839	13,405
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	44,024	3,401	47,425	53,055	3,001	56,056	30,247	6,120	36,367
17 Other institutional buildings .....	4,902	4,205	9,107	6,522	4,591	11,113	8,595	5,226	13,821
<b>Other Building Construction .....</b>	<b>32,488</b>	<b>19,665</b>	<b>52,153</b>	<b>34,646</b>	<b>20,268</b>	<b>54,914</b>	<b>37,931</b>	<b>20,960</b>	<b>58,891</b>
18 Farm buildings (excluding dwellings) .....	14,102	11,076	25,178	14,457	11,529	25,986	14,972	12,220	27,192
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,881	211	4,092	4,177	481	4,658	3,990	297	4,287
20 Aeroplane hangars .....	594	290	884	855	176	1,031	3,213	263	3,476
21 Passenger terminals, bus, boat or air .....	27	100	127	1	33	34	52	37	89
22 Armouries, barracks, drill halls, etc. ....	7,055	1,710	8,765	8,328	1,728	10,056	9,684	2,045	11,729
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,827	2,225	4,052	2,192	2,112	4,304	1,691	1,792	3,483
24 Other building construction .....	5,002	4,053	9,055	4,636	4,209	8,845	4,329	4,306	8,635
<b>Total Engineering Construction .....</b>	<b>349,500</b>	<b>83,082</b>	<b>432,582</b>	<b>367,035</b>	<b>87,092</b>	<b>454,127</b>	<b>425,943</b>	<b>102,211</b>	<b>528,154</b>
<b>Marine Construction .....</b>	<b>14,347</b>	<b>2,719</b>	<b>17,066</b>	<b>27,161</b>	<b>2,099</b>	<b>29,260</b>	<b>71,140</b>	<b>3,821</b>	<b>74,961</b>
25 Docks, wharves, piers, breakwaters .....	9,343	689	10,032	8,379	801	9,180	23,077	835	23,912
26 Retaining walls, embankments, riprapping .....	1,072	66	1,138	1,058	128	1,186	1,009	140	1,149
27 Canals and waterways .....	1,136	600	1,736	7,451	238	7,689	31,126	617	31,743
28 Dredging and pile driving .....	1,090	436	1,526	6,529	265	6,794	12,507	1,323	13,830
29 Dyke construction .....	56	6	62	11	4	15	—	5	5
30 Logging booms .....	443	141	584	2,879	190	3,069	1,637	425	2,062
31 Other marine construction .....	1,207	781	1,988	854	473	1,327	1,784	476	2,260

**TABLE 23. Quebec — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>87,313</b>	<b>25,672</b>	<b>112,985</b>	<b>94,905</b>	<b>25,223</b>	<b>120,128</b>	<b>94,195</b>	<b>27,260</b>	<b>121,455</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ..	41,659	10,279	51,938	45,141	10,460	55,601	44,198	10,937	55,135
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	19,580	9,242	28,822	22,686	8,300	30,986	22,422	9,020	31,442
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	8,794	3,906	12,700	8,900	4,202	13,102	9,282	4,898	14,180
35 Grading, scraping, oiling, filling .....	8,914	1,592	10,506	10,112	1,600	11,712	10,318	1,738	12,056
36 Sidewalks, paths .....	5,988	562	6,550	5,220	581	5,801	4,678	575	5,253
37 Aerodromes, landing fields, runways, tarmac .....	2,378	91	2,469	2,846	80	2,926	3,297	92	3,389
<b>Waterworks and Sewage Systems .....</b>	<b>56,039</b>	<b>5,315</b>	<b>61,354</b>	<b>56,665</b>	<b>4,801</b>	<b>61,466</b>	<b>54,114</b>	<b>6,198</b>	<b>60,312</b>
38 Tile drains, drainage ditches, storm sewers .....	12,101	102	12,203	12,083	119	12,202	11,481	143	11,624
39 Water mains, hydrants and services .....	14,478	3,583	18,061	18,623	3,089	21,712	19,769	4,389	24,158
40 Sewage systems and connections .....	26,892	1,459	28,351	23,638	1,498	25,136	20,990	1,530	22,520
41 Pumping stations, water .....	506	147	653	1,304	74	1,378	1,546	116	1,662
42 Water storage tanks .....	2,062	24	2,086	1,017	21	1,038	328	20	348
<b>Dams and Irrigation .....</b>	<b>7,382</b>	<b>1,354</b>	<b>8,736</b>	<b>6,005</b>	<b>1,564</b>	<b>7,569</b>	<b>6,899</b>	<b>1,409</b>	<b>8,308</b>
43 Dams and reservoirs .....	6,338	1,018	7,356	4,960	1,216	6,176	5,712	1,040	6,752
44 Irrigation and land reclamation projects .....	1,044	336	1,380	1,045	348	1,393	1,187	369	1,556
<b>Electric Power Construction .....</b>	<b>97,523</b>	<b>6,982</b>	<b>104,505</b>	<b>90,131</b>	<b>7,815</b>	<b>97,946</b>	<b>109,128</b>	<b>7,955</b>	<b>117,083</b>
45 Electric power generating plants, including water conveying and controlling structures .....	55,599	2,504	58,103	50,346	2,673	53,019	58,748	2,783	61,531
46 Electric transformer stations .....	3,067	227	3,294	4,909	1,515	6,424	11,451	1,654	13,105
47 Power transmission and distribution lines, trolley wires .....	37,821	3,951	41,772	33,515	3,365	36,880	37,553	3,292	40,845
48 Street lighting .....	1,036	300	1,336	1,361	262	1,623	1,376	226	1,602
<b>Railway, Telephone and Telegraph .....</b>	<b>31,157</b>	<b>27,202</b>	<b>58,359</b>	<b>29,654</b>	<b>31,890</b>	<b>61,544</b>	<b>30,398</b>	<b>41,103</b>	<b>71,501</b>
49 Railway tracks and roadbed .....	11,865	20,004	31,869	8,231	23,304	31,535	7,649	32,459	40,108
50 Signals and interlockers .....	1,438	710	2,148	180	758	938	1,008	664	1,672
51 Telegraph and telephone lines, underground and marine cables .....	17,854	6,488	24,342	21,243	7,828	29,071	21,741	7,980	29,721
<b>Gas and Oil Facilities .....</b>	<b>27,657</b>	<b>4,371</b>	<b>32,028</b>	<b>33,038</b>	<b>4,254</b>	<b>37,292</b>	<b>21,175</b>	<b>4,309</b>	<b>25,484</b>
52 Gas mains and services .....	492	326	818	1,686	457	2,143	1,704	502	2,206
53 Pumping stations, oil .....	1,064	108	1,172	61	65	126	9	46	55
54 Pumping stations, gas .....	480	—	480	—	—	—	—	—	—
55 Oil storage tanks .....	3,360	340	3,700	1,140	49	1,189	2,564	42	2,606
56 Gas storage tanks .....	1,509	33	1,542	288	25	313	581	25	606
57 Oil pipe lines .....	1,853	1,091	2,944	517	77	594	94	70	164
58 Gas pipe lines .....	77	56	133	5	16	21	83	16	99
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	—	—	—	—	—	—	6	—	6
61 Oil refinery — processing units .....	18,822	2,417	21,239	29,341	3,565	32,906	16,134	3,608	19,742
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>28,082</b>	<b>9,467</b>	<b>37,549</b>	<b>29,476</b>	<b>9,446</b>	<b>38,922</b>	<b>38,894</b>	<b>10,156</b>	<b>49,050</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	12,589	5,540	18,129	14,481	5,350	19,831	22,125	5,750	27,875
64 Tunnels and subways .....	2,127	34	2,161	1,685	57	1,742	1,825	64	1,889
65 Incinerators .....	2,315	199	2,514	2,035	202	2,237	1,846	220	2,066
66 Park systems, landscaping, sodding, etc. ....	1,534	745	2,279	1,436	747	2,183	1,346	747	2,093
67 Swimming pools, tennis courts, outdoor recreation facilities ....	689	327	1,016	583	301	884	545	311	856
68 Mine shafts and other below surface workings .....	5,305	388	5,693	6,241	675	6,916	7,765	672	8,437
69 Fences, snowsheds, signs, guard rails .....	1,182	1,975	3,157	1,084	1,832	2,916	1,256	1,959	3,215
70 Other engineering construction .....	2,341	259	2,600	1,931	282	2,213	2,186	433	2,619



**TABLE 24. Ontario**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>1, 317, 329</b>	<b>382, 435</b>	<b>1, 699, 764</b>	<b>1, 469, 898</b>	<b>371, 772</b>	<b>1, 841, 670</b>	<b>1, 767, 901</b>	<b>404, 425</b>	<b>2, 172, 326</b>
<b>Total Building Construction .....</b>	<b>962, 427</b>	<b>205, 847</b>	<b>1, 168, 274</b>	<b>1, 094, 820</b>	<b>198, 777</b>	<b>1, 293, 597</b>	<b>1, 226, 004</b>	<b>210, 411</b>	<b>1, 436, 415</b>
<b>Residential .....</b>	<b>484, 900</b>	<b>89, 900</b>	<b>574, 800</b>	<b>587, 800</b>	<b>81, 600</b>	<b>669, 400</b>	<b>618, 400</b>	<b>86, 500</b>	<b>704, 900</b>
1 Dwellings, single, double, duplexes and apartments .....	484, 900	89, 900	574, 800	587, 800	81, 600	669, 400	618, 400	86, 500	704, 900
<b>Industrial .....</b>	<b>143, 501</b>	<b>46, 864</b>	<b>190, 365</b>	<b>139, 840</b>	<b>47, 304</b>	<b>187, 144</b>	<b>202, 045</b>	<b>51, 872</b>	<b>253, 917</b>
2 Factories, plants, workshops, food canneries .....	128, 911	38, 327	167, 238	124, 132	36, 901	161, 033	170, 022	39, 907	209, 929
3 Mine and mine mill buildings .....	11, 154	2, 917	14, 071	12, 963	3, 774	16, 737	27, 941	4, 082	32, 023
4 Railway stations, offices, roadway buildings .....	2, 091	3, 145	5, 236	1, 729	4, 323	6, 052	2, 664	4, 862	7, 526
5 Railway shops, engine houses, water and fuel stations .....	1, 345	2, 475	3, 820	1, 016	2, 306	3, 322	1, 418	3, 021	4, 439
<b>Commercial .....</b>	<b>183, 255</b>	<b>31, 719</b>	<b>214, 974</b>	<b>186, 524</b>	<b>29, 920</b>	<b>216, 444</b>	<b>197, 394</b>	<b>30, 011</b>	<b>227, 405</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	24, 481	3, 065	27, 546	27, 937	3, 472	31, 409	29, 728	4, 088	33, 816
7 Grain elevators .....	2, 296	1, 185	3, 481	689	575	1, 264	782	598	1, 380
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6, 361	3, 636	9, 997	8, 108	3, 027	11, 135	10, 619	3, 155	13, 774
9 Office buildings .....	68, 234	11, 120	79, 354	58, 572	10, 620	69, 192	64, 536	10, 176	74, 712
10 Stores, retail and wholesale .....	65, 738	9, 563	75, 301	70, 380	8, 647	79, 027	66, 318	8, 239	74, 557
11 Garages and service stations .....	11, 252	2, 148	13, 400	13, 389	2, 900	16, 289	16, 330	3, 153	19, 483
12 Theatres, arenas, amusement and recreational buildings .....	4, 616	744	5, 360	6, 858	396	7, 254	8, 976	360	9, 336
13 Laundries and dry cleaning establishments .....	277	258	535	591	283	874	105	242	347
<b>Institutional .....</b>	<b>115, 683</b>	<b>11, 365</b>	<b>127, 048</b>	<b>139, 876</b>	<b>13, 500</b>	<b>153, 376</b>	<b>167, 969</b>	<b>13, 700</b>	<b>181, 669</b>
14 Schools and other educational buildings .....	59, 815	6, 078	65, 893	70, 775	7, 143	77, 918	81, 111	7, 317	88, 428
15 Churches and other religious buildings .....	10, 779	1, 207	11, 986	16, 316	1, 634	17, 950	17, 961	1, 052	19, 013
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	35, 090	2, 580	37, 670	41, 504	3, 305	44, 809	54, 373	3, 807	58, 180
17 Other institutional buildings .....	9, 999	1, 500	11, 499	11, 281	1, 418	12, 699	14, 524	1, 524	16, 048
<b>Other Building Construction .....</b>	<b>35, 088</b>	<b>25, 999</b>	<b>61, 087</b>	<b>40, 780</b>	<b>26, 453</b>	<b>67, 233</b>	<b>40, 196</b>	<b>28, 328</b>	<b>68, 524</b>
18 Farm buildings (excluding dwellings) .....	17, 975	21, 944	39, 919	19, 170	22, 741	41, 911	19, 159	24, 093	43, 252
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5, 204	325	5, 529	5, 987	176	6, 163	5, 961	274	6, 235
20 Aeroplane hangars .....	2, 456	444	2, 900	2, 589	484	3, 073	3, 099	481	3, 580
21 Passenger terminals, bus, boat or air .....	252	20	272	370	24	394	175	23	198
22 Armouries, barracks, drill halls, etc. ....	6, 885	1, 638	8, 523	7, 744	1, 485	9, 229	8, 243	1, 710	9, 953
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	1, 429	900	2, 329	3, 555	800	4, 355	2, 215	911	3, 126
24 Other building construction .....	887	728	1, 615	1, 365	743	2, 108	1, 344	836	2, 180
<b>Total Engineering Construction .....</b>	<b>354, 902</b>	<b>176, 588</b>	<b>531, 490</b>	<b>375, 078</b>	<b>172, 995</b>	<b>548, 073</b>	<b>541, 897</b>	<b>194, 014</b>	<b>735, 911</b>
<b>Marine Construction .....</b>	<b>17, 609</b>	<b>3, 641</b>	<b>21, 250</b>	<b>14, 439</b>	<b>3, 018</b>	<b>17, 457</b>	<b>27, 938</b>	<b>3, 399</b>	<b>31, 337</b>
25 Docks, wharves, piers, breakwaters .....	5, 761	1, 607	7, 368	5, 087	1, 326	6, 413	5, 998	1, 550	7, 548
26 Retaining walls, embankments, riprapping .....	240	115	355	224	98	322	236	113	349
27 Canals and waterways .....	478	925	1, 403	338	787	1, 125	4, 260	938	5, 198
28 Dredging and pile driving .....	10, 355	497	10, 852	8, 138	402	8, 540	16, 251	456	16, 707
29 Dyke construction .....	64	53	117	161	94	255	109	68	177
30 Logging booms .....	246	248	494	173	104	277	298	51	349
31 Other marine construction .....	465	196	661	318	207	525	786	223	1, 009

**TABLE 24. Ontario — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>78,264</b>	<b>66,227</b>	<b>144,491</b>	<b>99,669</b>	<b>64,716</b>	<b>164,385</b>	<b>120,348</b>	<b>65,437</b>	<b>185,785</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	38,459	33,107	71,566	49,272	32,108	81,380	59,311	32,586	91,897
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	8,033	16,217	24,250	10,454	15,768	26,222	12,166	15,766	27,932
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	1,474	2,938	4,412	954	2,949	3,903	469	3,204	3,673
35 Grading, scraping, oiling, filling .....	23,981	11,334	35,315	30,985	11,189	42,174	39,583	11,225	50,808
36 Sidewalks, paths .....	4,019	2,509	6,528	5,386	2,506	7,892	6,067	2,504	8,571
37 Aerodromes, landing fields, runways, tarmac .....	2,298	122	2,420	2,618	196	2,814	2,752	152	2,904
<b>Waterworks and Sewage Systems .....</b>	<b>48,597</b>	<b>8,930</b>	<b>57,527</b>	<b>57,408</b>	<b>9,255</b>	<b>66,663</b>	<b>76,823</b>	<b>8,929</b>	<b>85,752</b>
38 Tile drains, drainage ditches, storm sewers .....	5,435	2,339	7,774	6,791	2,310	9,101	7,709	2,304	10,013
39 Water mains, hydrants and services .....	17,780	3,131	20,911	17,355	3,480	20,835	26,423	3,097	29,520
40 Sewage systems and connections .....	22,683	3,022	25,705	29,397	2,996	32,393	32,362	3,005	35,367
41 Pumping stations, water .....	821	373	1,194	2,291	444	2,735	9,159	468	9,627
42 Water storage tanks .....	1,878	65	1,943	1,574	25	1,599	1,170	55	1,225
<b>Dams and Irrigation .....</b>	<b>4,034</b>	<b>998</b>	<b>5,032</b>	<b>6,434</b>	<b>882</b>	<b>7,316</b>	<b>10,264</b>	<b>957</b>	<b>11,221</b>
43 Dams and reservoirs .....	2,786	309	3,095	5,176	168	5,344	8,933	202	9,135
44 Irrigation and land reclamation projects .....	1,248	689	1,937	1,258	714	1,972	1,331	755	2,086
<b>Electric Power Construction .....</b>	<b>112,667</b>	<b>15,212</b>	<b>127,879</b>	<b>92,513</b>	<b>16,419</b>	<b>108,932</b>	<b>153,752</b>	<b>16,738</b>	<b>170,490</b>
45 Electric power generating plants, including water conveying and controlling structures .....	57,732	3,335	61,067	40,923	3,630	44,553	96,115	3,752	99,867
46 Electric transformer stations .....	6,595	2,078	8,673	9,069	1,788	10,857	9,830	1,843	11,673
47 Power transmission and distribution lines, trolley wires .....	47,059	9,101	56,160	41,551	10,345	51,896	46,648	10,484	57,132
48 Street lighting .....	1,281	698	1,979	970	656	1,626	1,159	659	1,818
<b>Railway, Telephone and Telegraph .....</b>	<b>36,007</b>	<b>58,576</b>	<b>94,583</b>	<b>49,542</b>	<b>57,876</b>	<b>107,418</b>	<b>51,435</b>	<b>77,436</b>	<b>128,871</b>
49 Railway tracks and roadbed .....	10,371	46,680	57,051	17,654	45,439	63,093	18,618	63,471	82,089
50 Signals and interlockers .....	1,275	1,905	3,180	650	1,257	1,907	1,296	1,444	2,740
51 Telegraph and telephone lines, underground and marine cables	24,361	9,991	34,352	31,238	11,180	42,418	31,521	12,521	44,042
<b>Gas and Oil Facilities .....</b>	<b>20,607</b>	<b>9,625</b>	<b>30,232</b>	<b>16,785</b>	<b>8,367</b>	<b>25,152</b>	<b>38,200</b>	<b>7,570</b>	<b>45,770</b>
52 Gas mains and services .....	1,478	661	2,139	5,526	984	6,510	7,276	1,113	8,389
53 Pumping stations, oil .....	822	221	1,043	259	161	420	839	167	1,006
54 Pumping stations, gas .....	485	—	485	142	8	150	175	10	185
55 Oil storage tanks .....	1,711	557	2,268	1,929	853	2,782	2,406	1,304	3,710
56 Gas storage tanks .....	388	879	1,267	281	339	620	653	15	668
57 Oil pipe lines .....	599	346	945	111	354	465	1,634	1	1,635
58 Gas pipe lines .....	8,660	515	9,175	1,033	251	1,284	451	510	961
59 Oil wells .....	81	11	92	297	9	306	182	8	190
60 Gas wells .....	1,672	163	1,835	849	156	1,005	1,088	151	1,239
61 Oil refinery—processing units .....	4,711	6,258	10,969	6,358	5,252	11,610	23,496	4,291	27,787
62 Natural gas cleaning plants .....	—	14	14	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>37,117</b>	<b>13,379</b>	<b>50,496</b>	<b>38,288</b>	<b>12,462</b>	<b>50,750</b>	<b>63,137</b>	<b>13,548</b>	<b>76,685</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	15,240	5,931	21,171	18,795	5,593	24,388	24,783	6,069	30,852
64 Tunnels and subways .....	5,032	144	5,176	1,887	172	2,059	2,249	191	2,440
65 Incinerators .....	1,383	77	1,460	1,719	69	1,788	1,905	70	1,975
66 Park systems, landscaping, sodding, etc. ....	1,571	1,895	3,466	1,683	1,810	3,493	1,877	1,877	3,754
67 Swimming pools, tennis courts, outdoor recreation facilities ....	1,995	196	2,191	2,945	138	3,083	3,052	136	3,188
68 Mine shafts and other below surface workings .....	7,519	375	7,894	8,008	196	8,204	25,776	407	26,183
69 Fences, snowsheds, signs, guard rails .....	1,782	4,300	6,082	1,890	4,121	6,011	2,295	4,369	6,664
70 Other engineering construction .....	2,595	461	3,056	1,361	363	1,724	1,200	429	1,629



**TABLE 25. Manitoba**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction.....</b>	<b>179,031</b>	<b>61,946</b>	<b>240,977</b>	<b>190,740</b>	<b>63,626</b>	<b>254,366</b>	<b>233,366</b>	<b>71,691</b>	<b>305,057</b>
<b>Total Building Construction .....</b>	<b>110,794</b>	<b>29,497</b>	<b>140,291</b>	<b>133,473</b>	<b>32,763</b>	<b>166,236</b>	<b>145,877</b>	<b>34,847</b>	<b>180,724</b>
<b>Residential .....</b>	<b>57,400</b>	<b>10,900</b>	<b>68,300</b>	<b>70,300</b>	<b>14,000</b>	<b>84,300</b>	<b>67,600</b>	<b>14,900</b>	<b>82,500</b>
1 Dwellings, single, double, duplexes and apartments .....	57,400	10,900	68,300	70,300	14,000	84,300	67,600	14,900	82,500
<b>Industrial .....</b>	<b>8,613</b>	<b>5,308</b>	<b>13,921</b>	<b>8,838</b>	<b>5,393</b>	<b>14,231</b>	<b>8,650</b>	<b>5,438</b>	<b>14,088</b>
2 Factories, plants, workshops, food canneries .....	7,530	2,788	10,318	8,077	3,044	11,121	6,946	2,831	9,777
3 Mine and mine mill buildings .....	279	187	466	310	150	460	221	150	371
4 Railway stations, offices, roadway buildings .....	401	979	1,380	291	1,243	1,534	495	1,322	1,817
5 Railway shops, engine houses, water and fuel stations.....	403	1,354	1,757	160	956	1,116	988	1,135	2,123
<b>Commercial .....</b>	<b>24,254</b>	<b>4,502</b>	<b>28,756</b>	<b>24,078</b>	<b>5,034</b>	<b>29,112</b>	<b>34,096</b>	<b>5,240</b>	<b>39,336</b>
6 Warehouses, storehouses, refrigerated storage, etc.....	3,725	530	4,255	3,361	649	4,010	6,271	657	6,928
7 Grain elevators .....	1,557	491	2,048	1,989	549	2,538	837	478	1,315
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	690	468	1,158	298	456	754	4,032	675	4,707
9 Office buildings .....	8,681	1,075	9,756	9,444	1,258	10,702	13,234	1,346	14,580
10 Stores, retail and wholesale .....	7,441	1,447	8,888	6,902	1,604	8,506	7,243	1,553	8,796
11 Garages and service stations .....	1,784	287	2,051	1,550	264	1,814	1,375	296	1,671
12 Theatres, arenas, amusement and recreational buildings .....	392	147	539	451	193	644	1,071	188	1,259
13 Laundries and dry cleaning establishments .....	4	57	61	83	61	144	33	47	80
<b>Institutional .....</b>	<b>10,223</b>	<b>2,675</b>	<b>12,898</b>	<b>18,843</b>	<b>2,345</b>	<b>21,188</b>	<b>22,361</b>	<b>2,579</b>	<b>24,940</b>
14 Schools and other educational buildings.....	4,053	1,868	5,921	8,382	1,526	9,908	8,808	1,552	10,360
15 Churches and other religious buildings .....	757	123	880	1,241	157	1,398	2,725	214	2,939
16 Hospitals, sanatoria, clinics, first-aid stations, etc.....	3,517	424	3,941	6,775	571	7,346	6,753	636	7,389
17 Other institutional buildings .....	1,896	260	2,156	2,445	91	2,536	4,075	177	4,252
<b>Other Building Construction .....</b>	<b>10,304</b>	<b>6,112</b>	<b>16,416</b>	<b>11,414</b>	<b>5,991</b>	<b>17,405</b>	<b>13,170</b>	<b>6,690</b>	<b>19,860</b>
18 Farm buildings (excluding dwellings) .....	6,216	4,661	10,877	6,558	4,832	11,390	6,857	5,123	11,980
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	577	180	757	365	18	383	432	57	489
20 Aeroplane hangars .....	1,122	188	1,310	1,279	96	1,375	1,744	126	1,870
21 Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	2,178	937	3,115	2,866	841	3,707	3,871	1,129	5,000
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps	167	102	269	333	167	500	248	207	455
24 Other building construction .....	44	44	88	13	37	50	18	48	66
<b>Total Engineering Construction .....</b>	<b>68,237</b>	<b>32,449</b>	<b>100,686</b>	<b>57,267</b>	<b>30,863</b>	<b>88,130</b>	<b>87,489</b>	<b>36,844</b>	<b>124,333</b>
<b>Marine Construction .....</b>	<b>337</b>	<b>423</b>	<b>760</b>	<b>297</b>	<b>327</b>	<b>624</b>	<b>305</b>	<b>470</b>	<b>775</b>
25 Docks, wharves, piers, breakwaters .....	236	133	369	166	63	229	232	107	339
26 Retaining walls, embankments, riprapping .....	14	4	18	3	2	5	4	2	6
27 Canals and waterways .....	28	20	48	21	18	39	20	24	44
28 Dredging and pile driving .....	14	252	266	12	228	240	11	310	321
29 Dyke construction.....	45	14	59	34	10	44	30	11	41
30 Logging booms .....	—	—	—	61	—	61	8	—	8
31 Other marine construction .....	—	—	—	—	6	6	—	16	16



**TABLE 25. Manitoba — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>13,965</b>	<b>4,266</b>	<b>18,231</b>	<b>11,532</b>	<b>4,192</b>	<b>15,724</b>	<b>26,248</b>	<b>5,506</b>	<b>31,754</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	6,135	2,414	8,549	5,779	1,160	6,939	11,751	1,550	13,301
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	2,512	989	3,501	865	1,567	2,432	2,074	2,336	4,410
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	226	286	512	4,447	385	4,832	11,654	352	12,006
35 Grading, scraping, oiling, filling .....	4,855	411	5,266	231	929	1,160	573	1,094	1,667
36 Sidewalks, paths .....	223	116	339	198	106	304	184	114	298
37 Aerodromes, landing fields, runways, tarmac .....	14	50	64	12	45	57	12	60	72
<b>Waterworks and Sewage Systems .....</b>	<b>4,957</b>	<b>1,457</b>	<b>6,414</b>	<b>4,405</b>	<b>1,733</b>	<b>6,138</b>	<b>4,801</b>	<b>1,781</b>	<b>6,582</b>
38 Tile drains, drainage ditches, storm sewers .....	444	102	546	242	177	419	222	181	403
39 Water mains, hydrants and services .....	2,283	787	3,070	2,126	832	2,958	2,043	863	2,906
40 Sewage systems and connections .....	2,159	551	2,710	1,940	524	2,464	1,852	540	2,392
41 Pumping stations, water .....	71	9	80	60	199	259	403	195	598
42 Water storage tanks .....	—	8	8	37	1	38	281	2	283
<b>Dams and Irrigation .....</b>	<b>542</b>	<b>249</b>	<b>791</b>	<b>957</b>	<b>353</b>	<b>1,310</b>	<b>1,349</b>	<b>425</b>	<b>1,774</b>
43 Dams and reservoirs .....	70	106	176	101	44	145	94	49	143
44 Irrigation and land reclamation projects .....	472	143	615	856	309	1,165	1,255	376	1,631
<b>Electric Power Construction .....</b>	<b>14,671</b>	<b>1,795</b>	<b>16,466</b>	<b>10,262</b>	<b>1,418</b>	<b>11,680</b>	<b>19,008</b>	<b>1,462</b>	<b>20,470</b>
45 Electric power generating plants, including water conveying and controlling structures .....	6,530	445	6,975	4,786	425	5,211	11,153	706	11,859
46 Electric transformer stations .....	107	24	131	1,419	33	1,452	2,747	63	2,810
47 Power transmission and distribution lines, trolley wires .....	7,976	1,310	9,286	3,961	942	4,903	5,042	690	5,732
48 Street lighting .....	58	16	74	96	18	114	66	3	69
<b>Railway, Telephone and Telegraph .....</b>	<b>7,428</b>	<b>19,914</b>	<b>27,342</b>	<b>8,318</b>	<b>18,310</b>	<b>26,628</b>	<b>9,619</b>	<b>22,318</b>	<b>31,937</b>
49 Railway tracks and roadbed .....	1,885	16,778	18,663	3,078	14,790	17,868	3,528	18,517	22,045
50 Signals and interlockers .....	333	332	665	95	459	554	199	463	662
51 Telegraph and telephone lines, underground and marine cables .....	5,210	2,804	8,014	5,145	3,061	8,206	5,892	3,338	9,230
<b>Gas and Oil Facilities .....</b>	<b>19,690</b>	<b>597</b>	<b>20,287</b>	<b>16,311</b>	<b>931</b>	<b>17,242</b>	<b>17,274</b>	<b>891</b>	<b>18,165</b>
52 Gas mains and services .....	298	—	298	499	—	499	2,465	—	2,465
53 Pumping stations, oil .....	2,870	94	2,964	532	133	665	270	153	423
54 Pumping stations, gas .....	—	—	—	132	—	132	106	—	106
55 Oil storage tanks .....	936	40	976	985	121	1,106	912	137	1,049
56 Gas storage tanks .....	54	13	67	21	5	26	60	6	66
57 Oil pipe lines .....	3,321	44	3,365	373	55	428	4,830	70	4,900
58 Gas pipe lines .....	—	—	—	—	—	—	1,330	—	1,330
59 Oil wells .....	5,076	62	5,138	6,671	194	6,865	6,190	187	6,377
60 Gas wells .....	—	—	—	163	—	163	4	—	4
61 Oil refinery—processing units .....	7,135	344	7,479	6,935	423	7,358	1,107	338	1,445
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>6,647</b>	<b>3,748</b>	<b>10,395</b>	<b>5,185</b>	<b>3,599</b>	<b>8,784</b>	<b>8,885</b>	<b>3,991</b>	<b>12,876</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	3,371	1,080	4,451	2,712	1,225	3,937	5,279	1,506	6,785
64 Tunnels and subways .....	41	20	61	20	33	53	33	35	68
65 Incinerators .....	—	—	—	—	—	—	—	—	—
66 Park systems, landscaping, sodding, etc. ....	60	71	131	74	63	137	96	75	171
67 Swimming pools, tennis courts, outdoor recreation facilities ..	600	39	639	2	35	37	2	45	47
68 Mine shafts and other below surface workings .....	1,550	648	2,198	1,356	528	1,884	2,221	529	2,750
69 Fences, snowsheds, signs, guard rails .....	428	805	1,233	444	709	1,153	491	757	1,248
70 Other engineering construction .....	597	1,085	1,682	577	1,006	1,583	763	1,044	1,807

**TABLE 26. Saskatchewan**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Total Value of Construction .....	222, 709	68, 812	291, 521	216, 158	71, 178	287, 336	221, 361	79, 227	300, 588
Total Building Construction .....	117, 400	31, 541	148, 941	119, 793	38, 462	158, 255	117, 137	40, 093	157, 233
Residential .....	51, 600	10, 200	61, 800	49, 300	16, 000	65, 300	40, 900	16, 900	57, 800
1 Dwellings, single, double, duplexes and apartments .....	51, 600	10, 200	61, 800	49, 300	16, 000	65, 300	40, 900	16, 900	57, 800
Industrial .....	6, 823	2, 938	9, 761	6, 758	3, 009	9, 767	9, 564	3, 452	13, 016
2 Factories, plants, workshops, food canneries .....	3, 403	1, 305	4, 708	3, 126	1, 338	4, 464	3, 683	1, 368	5, 051
3 Mine and mine mill buildings .....	2, 623	135	2, 758	3, 214	93	3, 307	5, 125	250	5, 375
4 Railway stations, offices, roadway buildings .....	422	843	1, 265	258	1, 021	1, 279	453	1, 116	1, 569
5 Railway shops, engine houses, water and fuel stations .....	375	655	1, 030	160	557	717	303	718	1, 021
Commercial .....	25, 689	6, 156	31, 845	21, 775	5, 962	27, 737	22, 371	5, 541	27, 912
6 Warehouses, storehouses, refrigerated storage, etc. ....	7, 915	562	8, 477	5, 191	525	5, 716	4, 671	680	5, 351
7 Grain elevators .....	3, 778	1, 913	5, 691	3, 937	2, 194	6, 131	3, 562	1, 862	5, 424
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	996	747	1, 743	546	553	1, 099	1, 401	548	1, 949
9 Office buildings .....	3, 412	1, 026	4, 438	3, 000	920	3, 920	3, 969	915	4, 884
10 Stores, retail and wholesale .....	7, 768	1, 445	9, 213	7, 954	1, 447	9, 401	7, 437	1, 230	8, 667
11 Garages and service stations .....	773	285	1, 058	733	165	898	756	192	948
12 Theatres, arenas, amusement and recreational buildings .....	1, 033	144	1, 177	372	113	485	566	93	659
13 Laundries and dry cleaning establishments .....	14	34	48	42	45	87	9	21	30
Institutional .....	13, 164	2, 367	15, 531	23, 885	3, 621	27, 506	27, 542	3, 667	31, 209
14 Schools and other educational buildings .....	5, 028	923	5, 951	13, 465	2, 200	15, 665	13, 889	2, 217	16, 106
15 Churches and other religious buildings .....	1, 512	286	1, 798	1, 424	192	1, 616	2, 054	206	2, 260
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5, 190	859	6, 049	6, 900	864	7, 764	6, 769	876	7, 645
17 Other institutional buildings .....	1, 434	299	1, 733	2, 096	365	2, 461	4, 830	368	5, 198
Other Building Construction .....	20, 124	9, 880	30, 004	18, 075	9, 870	27, 945	16, 760	10, 533	27, 293
18 Farm buildings (excluding dwellings) .....	12, 910	8, 852	21, 762	12, 720	9, 162	21, 882	13, 281	9, 715	22, 996
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3, 245	24	3, 269	3, 001	32	3, 033	1, 212	53	1, 265
20 Aeroplane hangars .....	192	121	313	108	76	184	90	85	175
21 Passenger terminals, bus, boat or air .....	7	16	23	15	39	54	9	44	53
22 Armouries, barracks, drill halls, etc. ....	2, 874	316	3, 190	1, 807	188	1, 995	1, 643	221	1, 864
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	681	115	796	356	215	571	457	229	686
24 Other building construction .....	215	436	651	68	158	226	68	186	254
Total Engineering Construction .....	105, 309	37, 271	142, 580	96, 365	32, 716	129, 081	104, 224	39, 134	143, 358
Marine Construction .....	335	41	376	140	45	185	128	35	163
25 Docks, wharves, piers, breakwaters .....	331	41	372	136	32	168	128	35	163
26 Retaining walls, embankments, riprapping .....	4	—	4	—	—	—	—	—	—
27 Canals and waterways .....	—	—	—	—	—	—	—	—	—
28 Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29 Dyke construction .....	—	—	—	—	13	13	—	—	—
30 Logging booms .....	—	—	—	4	—	4	—	—	—
31 Other marine construction .....	—	—	—	—	—	—	—	—	—



**TABLE 26. Saskatchewan — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>17,196</b>	<b>11,609</b>	<b>28,805</b>	<b>16,947</b>	<b>9,795</b>	<b>26,742</b>	<b>17,806</b>	<b>10,922</b>	<b>28,728</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	8,860	2,715	11,575	7,347	3,019	10,366	7,880	3,231	11,111
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	5,467	3,040	8,507	6,713	5,547	12,260	7,607	6,421	14,028
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	517	1,037	1,554	1,008	984	1,992	849	916	1,765
35 Grading, scraping, oiling, filling .....	358	4,491	4,849	217	135	352	173	188	361
36 Sidewalks, paths .....	1,333	297	1,630	1,593	101	1,694	1,248	130	1,378
37 Aerodromes, landing fields, runways, tarmac .....	661	29	690	69	9	78	49	36	85
<b>Waterworks and Sewage Systems .....</b>	<b>12,606</b>	<b>2,181</b>	<b>14,787</b>	<b>5,642</b>	<b>484</b>	<b>6,126</b>	<b>6,891</b>	<b>524</b>	<b>7,415</b>
38 Tile drains, drainage ditches, storm sewers .....	1,030	672	1,702	2,654	191	2,845	2,723	213	2,936
39 Water mains, hydrants and services .....	8,463	347	8,810	1,772	173	1,945	1,602	185	1,787
40 Sewage systems and connections .....	2,167	1,096	3,263	1,155	87	1,242	1,595	104	1,699
41 Pumping stations, water .....	918	66	984	55	24	79	971	21	992
42 Water storage tanks .....	28	—	28	6	9	15	—	1	1
<b>Dams and Irrigation .....</b>	<b>1,260</b>	<b>277</b>	<b>1,537</b>	<b>2,224</b>	<b>304</b>	<b>2,528</b>	<b>1,282</b>	<b>337</b>	<b>1,619</b>
43 Dams and reservoirs .....	260	6	266	144	19	163	19	35	54
44 Irrigation and land reclamation projects .....	1,000	271	1,271	2,080	285	2,365	1,263	302	1,565
<b>Electric Power Construction .....</b>	<b>6,780</b>	<b>642</b>	<b>7,422</b>	<b>13,556</b>	<b>1,606</b>	<b>15,162</b>	<b>28,084</b>	<b>1,953</b>	<b>30,037</b>
45 Electric power generating plants, including water conveying and controlling structures .....	839	66	905	4,219	469	4,688	12,998	537	13,535
46 Electric transformer stations .....	13	—	13	254	98	352	104	5	109
47 Power transmission and distribution lines, trolley wires .....	5,178	431	5,609	8,837	672	9,509	14,754	1,009	15,763
48 Street lighting, .....	750	145	895	246	367	613	228	402	630
<b>Railway, Telephone and Telegraph .....</b>	<b>8,872</b>	<b>16,715</b>	<b>25,587</b>	<b>7,086</b>	<b>15,255</b>	<b>22,341</b>	<b>8,578</b>	<b>19,929</b>	<b>28,507</b>
49 Railway tracks and roadbed .....	2,100	14,882	16,982	3,055	13,237	16,292	3,283	17,703	20,986
50 Signals and interlockers .....	221	271	492	85	400	485	185	429	614
51 Telegraph and telephone lines, underground and marine cables .....	6,551	1,562	8,113	3,946	1,618	5,564	5,110	1,797	6,907
<b>Gas and Oil Facilities .....</b>	<b>51,747</b>	<b>2,081</b>	<b>53,828</b>	<b>44,742</b>	<b>2,197</b>	<b>46,939</b>	<b>34,884</b>	<b>2,525</b>	<b>37,409</b>
52 Gas mains and services .....	666	10	676	1,460	7	1,467	1,072	10	1,082
53 Pumping stations, oil .....	2,112	231	2,343	369	198	567	121	255	376
54 Pumping stations, gas .....	—	—	—	8	1	9	3	1	4
55 Oil storage tanks .....	1,725	35	1,760	3,423	151	3,574	3,328	205	3,533
56 Gas storage tanks .....	7	—	7	176	—	176	86	—	86
57 Oil pipe lines .....	24,358	112	24,470	3,926	117	4,043	2,750	156	2,906
58 Gas pipe lines .....	862	2	864	7,035	5	7,040	649	19	668
59 Oil wells .....	14,869	330	15,199	25,748	412	26,160	25,148	816	25,964
60 Gas wells .....	501	2	503	252	—	252	106	1	107
61 Oil refinery — processing units .....	6,647	1,359	8,006	2,345	1,306	3,651	1,651	1,062	2,683
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>6,513</b>	<b>3,725</b>	<b>10,238</b>	<b>6,028</b>	<b>3,030</b>	<b>9,058</b>	<b>6,571</b>	<b>2,909</b>	<b>9,480</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	1,610	849	2,459	1,462	1,114	2,576	1,709	1,044	2,753
64 Tunnels and subways .....	15	23	38	17	39	56	29	62	91
65 Incinerators .....	765	—	765	18	88	106	—	119	119
66 Park systems, landscaping, sodding, etc. ....	348	517	865	221	33	254	208	44	252
67 Swimming pools, tennis courts, outdoor recreation facilities .....	56	258	314	39	2	41	41	2	43
68 Mine shafts and other below surface workings .....	1,972	548	2,520	2,736	385	3,121	3,201	184	3,385
69 Fences, snowsheds, signs, guard rails .....	686	1,249	1,935	697	1,091	1,788	761	1,164	1,925
70 Other engineering construction .....	1,061	281	1,342	838	278	1,116	622	290	912



TABLE 27. Alberta  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Total Value of Construction .....	449, 730	100, 528	550, 258	511, 136	88, 192	599, 328	628, 270	96, 653	724, 923
Total Building Construction .....	238, 076	49, 900	287, 976	263, 359	45, 680	309, 039	318, 023	47, 982	366, 000
Residential .....	118, 000	22, 200	140, 200	118, 100	17, 600	135, 700	114, 900	18, 700	133, 600
1 Dwellings, single, double, duplexes and apartments .....	118, 000	22, 200	140, 200	118, 100	17, 600	135, 700	114, 900	18, 700	133, 600
Industrial .....	12, 104	4, 618	16, 722	24, 287	4, 336	28, 623	55, 483	4, 576	60, 059
2 Factories, plants, workshops, food canneries .....	11, 072	2, 370	13, 442	23, 215	2, 176	25, 391	53, 278	2, 199	55, 477
3 Mine and mine mill buildings .....	395	679	1, 074	523	465	988	1, 069	460	1, 529
4 Railway stations, offices, roadway buildings .....	364	829	1, 193	337	1, 050	1, 387	499	1, 136	1, 635
5 Railway shops, engine houses, water and fuel stations .....	273	740	1, 013	212	645	857	637	781	1, 418
Commercial .....	54, 081	9, 335	63, 416	54, 162	9, 475	63, 637	63, 420	9, 215	72, 635
6 Warehouses, storehouses, refrigerated storage, etc. ....	9, 854	1, 067	10, 921	9, 263	842	10, 105	13, 493	892	14, 385
7 Grain elevators .....	2, 041	987	3, 028	2, 158	1, 156	3, 314	1, 949	1, 024	2, 973
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4, 314	1, 912	6, 226	891	1, 647	2, 538	1, 409	1, 788	3, 197
9 Office buildings .....	21, 073	2, 794	23, 867	24, 525	3, 221	27, 746	28, 744	3, 141	31, 885
10 Stores, retail and wholesale .....	10, 898	1, 756	12, 654	14, 236	2, 017	16, 253	13, 601	1, 770	15, 371
11 Garages and service stations .....	2, 570	533	3, 103	2, 530	369	2, 899	2, 936	382	3, 318
12 Theatres, arenas, amusement and recreational buildings .....	2, 926	205	3, 131	519	164	683	1, 278	177	1, 455
13 Laundries and dry cleaning establishments .....	405	81	486	40	59	99	10	41	51
Institutional .....	28, 381	2, 596	30, 977	41, 339	3, 212	44, 551	53, 444	3, 364	56, 808
14 Schools and other educational buildings .....	12, 927	1, 401	14, 328	17, 998	1, 677	19, 675	24, 867	1, 714	26, 581
15 Churches and other religious buildings .....	2, 380	203	2, 583	3, 257	185	3, 442	3, 806	124	3, 930
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8, 666	796	9, 462	9, 398	728	10, 126	10, 843	821	11, 664
17 Other institutional buildings .....	4, 408	196	4, 604	10, 686	622	11, 308	13, 928	705	14, 633
Other Building Construction .....	25, 510	11, 151	36, 661	25, 471	11, 057	36, 528	30, 776	12, 127	42, 903
18 Farm buildings (excluding dwellings) .....	12, 429	8, 686	21, 115	12, 724	8, 998	21, 722	13, 330	9, 546	22, 876
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2, 936	55	2, 991	2, 131	73	2, 204	6, 143	60	6, 203
20 Aeroplane hangars .....	3, 751	756	4, 507	3, 001	557	3, 558	3, 729	728	4, 457
21 Passenger terminals, bus, boat or air .....	3	16	19	98	36	134	98	20	118
22 Armouries, barracks, drill halls, etc. ....	4, 114	1, 046	5, 160	3, 497	784	4, 281	4, 345	1, 027	5, 372
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	369	203	572	1, 621	314	1, 935	738	362	1, 100
24 Other building construction .....	1, 908	389	2, 297	2, 399	295	2, 694	2, 393	384	2, 777
Total Engineering Construction .....	211, 654	50, 628	262, 282	247, 777	42, 512	290, 289	310, 247	48, 671	358, 918
Marine Construction .....	185	280	465	241	237	478	524	279	803
25 Docks, wharves, piers, breakwaters .....	115	41	156	39	41	80	188	49	237
26 Retaining walls, embankments, riprapping .....	47	15	62	193	11	204	325	14	339
27 Canals and waterways .....	—	22	22	—	32	32	—	16	16
28 Dredging and pile driving .....	10	187	197	9	141	150	11	185	196
29 Dyke construction .....	13	14	27	—	11	11	—	14	14
30 Logging booms .....	—	1	1	—	1	1	—	1	1
31 Other marine construction .....	—	—	—	—	—	—	—	—	—

**TABLE 27. Alberta — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>44,434</b>	<b>16,332</b>	<b>60,766</b>	<b>50,739</b>	<b>11,551</b>	<b>62,290</b>	<b>51,764</b>	<b>12,088</b>	<b>63,852</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	18,493	5,539	24,032	18,945	2,947	21,892	19,827	3,395	23,222
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	13,685	9,482	23,167	17,775	6,612	24,387	17,848	6,743	24,591
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable).....	1,492	672	2,164	3,340	1,462	4,802	3,668	1,365	5,033
35 Grading, scraping, oiling, filling .....	7,945	375	8,320	8,184	207	8,391	7,863	267	8,130
36 Sidewalks, paths .....	2,819	148	2,967	2,495	245	2,740	2,558	216	2,774
37 Aerodromes, landing fields, runways, tarmac .....	—	116	116	—	78	78	—	102	102
<b>Waterworks and Sewage Systems .....</b>	<b>16,722</b>	<b>2,445</b>	<b>19,167</b>	<b>14,325</b>	<b>1,737</b>	<b>16,062</b>	<b>20,159</b>	<b>1,820</b>	<b>21,979</b>
38 Tile drains, drainage ditches, storm sewers.....	6,046	142	6,188	3,801	329	4,130	6,298	363	6,661
39 Water mains, hydrants and services .....	5,375	1,529	6,904	5,120	915	6,035	6,022	944	6,966
40 Sewage systems and connections .....	4,978	579	5,557	5,171	455	5,626	6,948	495	7,443
41 Pumping stations, water.....	304	195	499	203	38	241	779	18	797
42 Water storage tanks.....	19	—	19	30	—	30	112	—	112
<b>Dams and Irrigation .....</b>	<b>7,079</b>	<b>304</b>	<b>7,383</b>	<b>4,589</b>	<b>324</b>	<b>4,913</b>	<b>4,673</b>	<b>421</b>	<b>5,094</b>
43 Dams and reservoirs .....	2,319	26	2,345	989	16	1,005	791	129	920
44 Irrigation and land reclamation projects .....	4,760	278	5,038	3,600	308	3,908	3,882	292	4,174
<b>Electric Power Construction.....</b>	<b>10,337</b>	<b>2,477</b>	<b>12,814</b>	<b>16,523</b>	<b>2,115</b>	<b>18,638</b>	<b>18,107</b>	<b>2,304</b>	<b>20,411</b>
45 Electric power generating plants, including water conveying and controlling structures .....	3,118	160	3,278	6,841	158	6,999	5,405	173	5,578
46 Electric transformer stations.....	796	124	920	1,333	229	1,562	2,036	162	2,198
47 Power transmission and distribution lines, trolley wires .....	5,921	2,059	7,980	7,686	1,581	9,267	9,470	1,791	11,261
48 Street lighting .....	502	134	636	663	147	810	1,196	178	1,374
<b>Railway, Telephone and Telegraph .....</b>	<b>12,127</b>	<b>17,040</b>	<b>29,167</b>	<b>11,449</b>	<b>16,131</b>	<b>27,580</b>	<b>12,694</b>	<b>19,760</b>	<b>32,454</b>
49 Railway tracks and roadbed.....	5,271	14,985	20,256	5,602	14,003	19,605	6,060	17,427	23,487
50 Signals and interlockers.....	479	292	771	106	391	497	215	425	640
51 Telegraph and telephone lines, underground and marine cables	6,377	1,763	8,140	5,741	1,737	7,478	6,419	1,908	8,327
<b>Gas and Oil Facilities.....</b>	<b>107,765</b>	<b>5,456</b>	<b>113,221</b>	<b>132,335</b>	<b>5,670</b>	<b>138,005</b>	<b>182,003</b>	<b>6,673</b>	<b>188,676</b>
52 Gas mains and services .....	2,642	274	2,916	2,321	406	2,727	5,178	505	5,683
53 Pumping stations, oil.....	744	281	1,025	1,422	178	1,600	1,378	213	1,591
54 Pumping stations, gas .....	61	—	61	85	10	95	—	—	—
55 Oil storage tanks.....	3,016	197	3,213	3,932	174	4,106	4,454	202	4,656
56 Gas storage tanks.....	12	—	12	—	—	—	—	—	—
57 Oil pipe lines.....	16,157	333	16,490	11,560	279	11,839	5,736	343	6,079
58 Gas pipe lines .....	3,586	496	4,082	3,899	232	4,131	25,866	254	26,120
59 Oil wells.....	66,289	1,774	68,063	79,748	1,804	81,552	101,669	2,268	103,937
60 Gas wells.....	5,724	80	5,804	14,365	124	14,489	21,759	221	21,980
61 Oil refinery — processing units.....	6,469	1,946	8,415	12,889	2,302	15,191	8,529	2,559	11,088
62 Natural gas cleaning plants.....	3,065	75	3,140	2,114	161	2,275	7,434	108	7,542
<b>Other Engineering Construction .....</b>	<b>13,005</b>	<b>6,294</b>	<b>19,299</b>	<b>17,576</b>	<b>4,747</b>	<b>22,323</b>	<b>20,323</b>	<b>5,326</b>	<b>25,649</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	9,302	3,266	12,568	15,081	2,754	17,835	16,169	3,077	19,246
64 Tunnels and subways .....	225	19	244	28	29	57	690	31	721
65 Incinerators .....	611	1	612	10	5	15	13	5	18
66 Park systems, landscaping, sodding, etc.....	359	998	1,357	223	294	517	384	383	767
67 Swimming pools, tennis courts, outdoor recreation facilities..	817	105	922	20	58	78	12	70	82
68 Mine shafts and other below surface workings .....	7	42	49	4	77	81	543	66	609
69 Fences, snowsheds, signs, guard rails.....	925	1,365	2,290	886	1,153	2,039	939	1,250	2,189
70 Other engineering construction .....	759	498	1,257	1,324	377	1,701	1,573	444	2,017



**TABLE 28. British Columbia**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction</b> .....	<b>350,900</b>	<b>99,546</b>	<b>450,446</b>	<b>473,999</b>	<b>98,636</b>	<b>572,635</b>	<b>732,975</b>	<b>106,569</b>	<b>839,544</b>
<b>Total Building Construction</b> .....	<b>216,885</b>	<b>44,878</b>	<b>261,763</b>	<b>294,740</b>	<b>47,730</b>	<b>342,470</b>	<b>340,245</b>	<b>48,752</b>	<b>388,997</b>
<b>Residential</b> .....	<b>107,400</b>	<b>19,500</b>	<b>126,900</b>	<b>166,100</b>	<b>23,600</b>	<b>189,700</b>	<b>163,700</b>	<b>25,000</b>	<b>188,700</b>
1 Dwellings, single, double, duplexes and apartments .....	107,400	19,500	126,900	166,100	23,600	189,700	163,700	25,000	188,700
<b>Industrial</b> .....	<b>20,564</b>	<b>8,436</b>	<b>29,000</b>	<b>41,137</b>	<b>8,905</b>	<b>50,042</b>	<b>58,656</b>	<b>8,728</b>	<b>67,384</b>
2 Factories, plants, workshops, food canneries .....	19,063	6,524	25,587	39,803	6,955	46,758	56,739	6,639	63,378
3 Mine and mine mill buildings .....	501	637	1,138	698	517	1,215	999	378	1,377
4 Railway stations, offices, roadway buildings .....	627	846	1,473	384	964	1,348	589	1,111	1,700
5 Railway shops, engine houses, water and fuel stations.....	373	429	802	252	469	721	329	600	929
<b>Commercial</b> .....	<b>43,481</b>	<b>7,215</b>	<b>50,696</b>	<b>36,392</b>	<b>6,669</b>	<b>43,061</b>	<b>54,521</b>	<b>6,058</b>	<b>60,579</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	9,686	1,071	10,757	5,865	957	6,822	9,506	1,143	10,649
7 Grain elevators .....	309	171	480	758	88	846	1,369	306	1,675
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,991	1,400	3,391	2,361	1,295	3,656	1,262	1,029	2,291
9 Office buildings .....	12,193	1,277	13,470	12,673	1,355	14,028	23,432	955	24,387
10 Stores, retail and wholesale .....	13,100	2,246	15,346	10,916	2,166	13,082	12,046	1,903	13,949
11 Garages and service stations .....	2,337	673	3,010	2,515	553	3,068	5,178	500	5,678
12 Theatres, arenas, amusement and recreational buildings.....	3,800	313	4,113	1,271	195	1,466	1,313	166	1,479
13 Laundries and dry cleaning establishments .....	65	64	129	33	60	93	415	56	471
<b>Institutional</b> .....	<b>37,374</b>	<b>6,084</b>	<b>43,458</b>	<b>42,064</b>	<b>4,703</b>	<b>46,767</b>	<b>51,786</b>	<b>4,990</b>	<b>56,776</b>
14 Schools and other educational buildings .....	19,477	2,417	21,894	24,704	2,335	27,039	26,002	2,364	28,366
15 Churches and other religious buildings .....	2,581	249	2,830	1,943	233	2,176	2,710	209	2,919
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,930	1,502	9,432	10,186	1,534	11,720	17,822	1,784	19,606
17 Other institutional buildings .....	7,386	1,916	9,302	5,231	601	5,832	5,252	633	5,885
<b>Other Building Construction</b> .....	<b>8,066</b>	<b>3,643</b>	<b>11,709</b>	<b>9,047</b>	<b>3,853</b>	<b>12,900</b>	<b>11,582</b>	<b>3,976</b>	<b>15,558</b>
18 Farm buildings (excluding dwellings) .....	3,531	1,918	5,449	3,861	1,988	5,849	3,996	2,107	6,103
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,211	274	1,485	1,135	292	1,427	2,012	358	2,370
20 Aeroplane hangars .....	425	104	529	365	36	401	436	54	490
21 Passenger terminals, bus, boat or air .....	579	2	581	32	1	33	374	—	374
22 Armouries, barracks, drill halls, etc. ....	1,145	145	1,290	1,188	140	1,328	1,286	154	1,440
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	699	1,093	1,792	2,162	1,270	3,432	2,556	1,258	3,814
24 Other building construction .....	476	107	583	304	126	430	922	45	967
<b>Total Engineering Construction</b> .....	<b>134,015</b>	<b>54,668</b>	<b>188,683</b>	<b>179,259</b>	<b>50,906</b>	<b>230,165</b>	<b>392,730</b>	<b>57,817</b>	<b>450,547</b>
<b>Marine Construction</b> .....	<b>6,189</b>	<b>2,576</b>	<b>8,765</b>	<b>6,575</b>	<b>1,792</b>	<b>8,367</b>	<b>7,571</b>	<b>1,875</b>	<b>9,446</b>
25 Docks, wharves, piers, breakwaters .....	4,555	1,407	5,962	4,590	1,067	5,657	5,340	1,143	6,483
26 Retaining walls, embankments, riprapping .....	268	237	505	68	62	130	172	49	221
27 Canals and waterways .....	26	19	45	196	14	210	—	3	3
28 Dredging and pile driving .....	903	366	1,269	1,221	395	1,616	1,627	437	2,064
29 Dyke construction .....	13	58	71	1	2	3	1	2	3
30 Logging booms .....	41	181	222	357	212	569	269	198	467
31 Other marine construction .....	383	308	691	142	40	182	162	43	205



**TABLE 28. British Columbia — Concluded**  
(Thousands of dollars)

Type of structure	1954			1955			1956		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>34,607</b>	<b>19,920</b>	<b>54,527</b>	<b>45,600</b>	<b>17,615</b>	<b>63,215</b>	<b>88,923</b>	<b>19,502</b>	<b>108,425</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	13,967	5,847	19,814	19,147	5,517	24,664	35,863	6,111	41,974
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	8,227	6,906	15,133	12,647	6,611	19,258	26,537	7,345	33,882
34 Dirt, clay or other streets, roads, parking lots, etc., (logging roads if applicable) .....	5,387	2,754	8,141	5,456	2,573	8,029	8,707	2,847	11,554
35 Grading, scraping, oiling, filling .....	5,032	3,315	8,347	7,291	2,712	10,003	16,628	2,997	19,625
36 Sidewalks, paths .....	1,467	797	2,264	535	178	713	610	175	785
37 Aerodromes, landing fields, runways, tarmac .....	527	301	828	524	24	548	578	27	605
<b>Waterworks and Sewage Systems .....</b>	<b>10,265</b>	<b>3,774</b>	<b>14,039</b>	<b>10,629</b>	<b>2,890</b>	<b>13,519</b>	<b>11,060</b>	<b>2,932</b>	<b>13,992</b>
38 Tile drains, drainage ditches, storm sewers .....	480	1,010	1,490	1,021	757	1,778	953	715	1,668
39 Water mains, hydrants and services .....	4,824	2,073	6,897	6,978	1,721	8,699	5,733	1,836	7,569
40 Sewage systems and connections .....	4,765	621	5,386	2,395	342	2,737	3,080	291	3,371
41 Pumping stations, water .....	104	61	165	119	68	187	1,240	88	1,328
42 Water storage tanks .....	92	9	101	116	2	118	54	2	56
<b>Dams and Irrigation .....</b>	<b>7,918</b>	<b>327</b>	<b>8,245</b>	<b>4,101</b>	<b>251</b>	<b>4,352</b>	<b>29,800</b>	<b>175</b>	<b>29,975</b>
43 Dams and reservoirs .....	6,777	159	6,936	2,311	188	2,499	27,617	108	27,725
44 Irrigation and land reclamation projects .....	1,141	168	1,309	1,790	63	1,853	2,183	67	2,250
<b>Electric Power Construction .....</b>	<b>34,644</b>	<b>2,350</b>	<b>36,994</b>	<b>47,647</b>	<b>3,229</b>	<b>50,876</b>	<b>69,762</b>	<b>3,156</b>	<b>72,918</b>
45 Electric power generating plants, including water conveying and controlling structures .....	14,013	381	14,394	21,544	411	21,955	28,907	441	29,348
46 Electric transformer stations .....	780	200	980	1,577	92	1,669	1,780	127	1,907
47 Power transmission and distribution lines, trolley wires .....	19,613	1,639	21,252	24,234	2,446	26,680	38,743	2,327	41,070
48 Street lighting .....	238	130	368	292	280	572	332	261	593
<b>Railway, Telephone and Telegraph .....</b>	<b>13,288</b>	<b>19,152</b>	<b>32,440</b>	<b>23,992</b>	<b>16,629</b>	<b>40,621</b>	<b>41,426</b>	<b>20,804</b>	<b>62,230</b>
49 Railway tracks and roadbed .....	5,916	15,377	21,293	15,083	13,222	28,305	28,594	16,960	45,554
50 Signals and interlockers .....	134	317	451	119	365	484	244	426	670
51 Telegraph and telephone lines, underground and marine cables..	7,238	3,458	10,696	8,790	3,042	11,832	12,588	3,418	16,006
<b>Gas and Oil Facilities .....</b>	<b>15,294</b>	<b>1,488</b>	<b>16,782</b>	<b>26,706</b>	<b>1,903</b>	<b>28,609</b>	<b>122,807</b>	<b>2,326</b>	<b>125,133</b>
52 Gas mains and services .....	380	79	459	559	100	659	11,487	113	11,600
53 Pumping stations, oil .....	103	17	120	92	3	95	34	3	37
54 Pumping stations, gas .....	—	22	22	—	37	37	—	40	40
55 Oil storage tanks .....	2,392	263	2,655	1,738	221	1,959	1,375	322	1,697
56 Gas storage tanks .....	11	18	29	3	4	7	27	4	31
57 Oil pipe lines .....	804	194	998	370	207	577	57	217	274
58 Gas pipe lines .....	—	—	—	10,001	8	10,009	100,002	3	100,005
59 Oil wells .....	1,283	2	1,285	4,827	17	4,844	6,092	12	6,014
60 Gas wells .....	348	—	348	171	—	171	110 <sup>1</sup>	—	110
61 Oil refinery — processing units .....	9,973	893	10,866	8,945	1,306	10,251	3,713	1,612	5,325
62 Natural gas clearing plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>11,810</b>	<b>5,081</b>	<b>16,891</b>	<b>14,009</b>	<b>6,597</b>	<b>20,606</b>	<b>21,381</b>	<b>7,047</b>	<b>28,428</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	8,339	2,779	11,118	7,070	3,683	10,753	14,667	3,910	18,577
64 Tunnels and subways .....	113	131	244	232	27	259	320	43	363
65 Incinerators .....	110	79	189	120	268	388	24	293	317
66 Park systems, landscaping, sodding, etc. ....	604	1,066	1,670	278	150	428	229	148	377
67 Swimming pools, tennis courts, outdoor recreation facilities .....	276	261	537	93	389	482	245	505	750
68 Mine shafts and other below surface workings .....	1,542	105	1,647	2,523	49	2,572	2,771	39	2,810
69 Fences, snowsheds, signs, guard rails .....	283	565	848	322	488	810	401	567	968
70 Other engineering construction .....	543	95	638	3,371	1,543	4,914	2,724	1,542	4,266

## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as

insurance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the census of construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 76 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 22 of the report "Private and Public Investment in Canada, Outlook 1956".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of production in 1953 of all the firms in each industry by the corresponding 1953 total for the firms reporting in the 1956 survey. In carrying out this procedure it has been assumed that the proportion of production of the reporting establishments in both 1953 and 1956 has not changed significantly during the period and, further, that there is a close relationship between total value of production and expenditures on construction. In the utilities trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 76.3 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1955 preliminary actual figures and the 1956 forecast estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1955 to 1956 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1954 and 1955 were prepared by Central Mortgage and Housing Corporation. Appraisal of the probable volume of housing construction in 1956 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1956.

#### **Salaries and Wages Paid and Cost of Materials Used**

The estimates of salaries and wages paid and the cost of materials used are derived from the

application of ratios of these items to total value of work performed. The 1954 survey of construction contractors provided the basic data for deriving the ratios applied to break down the total value of work done by contractors in the years 1954 to 1956. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

#### **Average Numbers Employed**

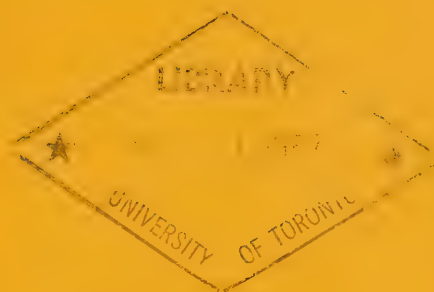
Indirect methods were also used in estimating the average numbers employed. In the 1951 to 1953 surveys respondents were requested to report the average number of employees engaged in construction each month. In the 1954 surveys they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed for all four years. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages to total salaries and wages of reporting firms. The resulting figures therefore represent an estimate of the number of employees working full time throughout the year. The total number on the payroll at any given time may, of course, be above or below the average. In arriving at the average number of employees for 1955 and 1956, an average annual wage figure was computed from 1954, projected forward, and divided into the estimated total salaries and wages for these years.







CONSTRUCTION IN CANADA  
1955 - 1957



DOMINION BUREAU OF STATISTICS  
General Assignments Division  
Forecast Surveys Section





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*Published by Authority of*  
The Right Honourable C. D. Howe, Minister of Trade and Commerce





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# CONSTRUCTION IN CANADA

1955 - 1957

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1955 and 1956 and provides estimates of the intended program for 1957. The information given for 1956 is preliminary whereas that shown for 1955 and earlier years is final. The probable volume of construction that will be realized in 1957 can be appraised only in the light of past experience and conditions that will exist during the year. Since 1951, when this series was initiated, the estimates of the intended program for the current year have been from 5 to 10 per cent lower than the final estimates prepared after the year was over, except in 1954 when they were over by 2 per cent. In 1956 the estimate of intended construction was about 2 per cent below the preliminary figure. The more detailed estimates are subject to greater error than the total for Canada.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a great many difficulties. Changing plans and problems of respondents in estimating accurately the cost of the structures

also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1957", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as: factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbed.

Also included are statistics on labour content in terms of numbers of persons and value and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's intended construction program for 1957 is estimated at about 5 per cent above the 1956 level. This is a moderate increase when compared with 1956, when the value rose 20 per cent over 1955. The smaller increase in 1957 is due largely to a slow down in housebuilding, which is estimated at 15 per cent below the 1956 level. Non-residential building and engineering construction, however, show a continued high rate of increase

for 1957 especially in the categories commercial, institutional, electric power and gas and oil facilities. The St. Lawrence Seaway development and the Trans-Canada pipeline figure prominently in this advance.<sup>1</sup>

1. For a more detailed discussion of the outlook for the construction program and factors likely to affect the realization see **Private & Public Investment in Canada Outlook 1957**, Department of Trade and Commerce.

## Value of Construction

The 1957 construction program is estimated at \$6,702 million, about 5 per cent over the 1956 value of \$6,389 million. New work is expected to account for \$5,563 million and repair \$1,139 million. The 1957 anticipated rise of 5 per cent is in contrast with an increase in 1956 of over \$1 billion or 20 per cent over the 1955 realization of \$5,311 million. This latter increase was the largest in dollar terms since 1946.

Year	Total new and repair construction \$ Mill	% Increase over previous year in	
		Value	Volume
1948 .....	2,571	27.5	12.2
1949 .....	2,856	11.1	7.1
1950 .....	3,132	9.7	4.1
1951 .....	3,661	16.9	3.9
1952 .....	4,199	14.7	8.2
1953 .....	4,640	10.5	6.8
1954 .....	4,723	1.8	1.8
1955 .....	5,311	12.4	9.5
1956 .....	6,389	20.3	13.6
1957 .....	6,702	4.9	—



### Construction in Current and Constant Dollars

The volume of construction carried out in 1955 increased almost 10 per cent over 1954 showing the largest increase since 1948 in percentage terms. Preliminary estimates indicate that this increase was surpassed in 1956 when the program was 14 per cent larger than the previous year. In terms of both current and constant dollars most of the in-

creases have occurred in new construction, repair work showing relatively little change.

As illustrated in Table 1 the construction industry in 1956 continued its importance in the economy by accounting for over one-fifth of the Gross National Product.

**TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars 1948-1957<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	\$ Mill						Percent	
1948 <sup>2</sup> .....	1,877	1,947	694	720	2,571	2,667	16.5	17.0
1949 .....	2,124	2,124	732	732	2,856	2,856	17.3	17.5
1950 .....	2,366	2,247	766	727	3,132	2,974	17.2	17.2
1951 .....	2,734	2,308	927	783	3,661	3,091	17.0	16.9
1952 .....	3,282	2,616	916	730	4,198	3,346	18.0	17.1
1953 .....	3,666	2,824	974	749	4,640	3,573	19.0	17.6
1954 .....	3,700	2,852	1,023	787	4,723	3,639	19.6	18.5
1955 .....	4,270	3,206	1,041	779	5,311	3,985	19.8	18.5
1956 .....	5,260	3,730	1,129	798	6,389	4,528	21.5	—
1957 .....	5,563	—	1,139	—	6,702	—	—	—

1. Actual 1948-55, Preliminary Actual 1956, Intentions 1957.

2. Newfoundland not included in this year.

### Value of Work Done by Contract

The following table illustrates that contractors are continuing to account for a greater proportion of construction work each year. Whereas in 1953 and 1954 they handled 72 per cent of all work, in

1955 and 1956 they accounted for 73 and 76 per cent. In 1956 alone, the value of work performed by contractors increased by one quarter. This trend is apparent in both new and repair construction.

**TABLE 2. Value of Construction Work Performed, by Contractors and Others 1953-1957<sup>1</sup>**

(Millions of Dollars)

	Contract Construction			Other Construction <sup>2</sup>			Total Construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
1953 .....	2,996	363	3,359	670	611	1,281	3,666	974	4,640
1954 .....	3,011	371	3,382	689	652	1,341	3,700	1,023	4,723
1955 .....	3,484	392	3,876	786	649	1,435	4,270	1,041	5,311
1956 .....	4,388	461	4,849	872	668	1,540	5,260	1,129	6,389
1957 .....	4,659	482	5,141	904	657	1,561	5,563	1,139	6,702

1. Actual 1953-55, Preliminary Actual 1956, Intentions 1957.

2. Represents work done by the labour forces of utilities, manufacturing, mining and logging firms and government departments, home owner-builders and other persons or firms not primarily engaged in the Construction Industry.

### Principal Types of Construction

In total, construction in 1957 is not expected to be greatly increased over 1956, largely due to an anticipated decline of \$275 million in residential construction. Other categories, however, show substantial increases. The largest is expected to occur in electric power construction which shows an expected rise of \$166 million. Gas and oil facilities indicate an increase of \$137 million. All other categories of engineering show increases except dams and irrigation work which are expected to decline slightly.

In building construction, commercial and institutional buildings show probable increases over 1956 of \$88 million and \$79 million respectively. Residential, industrial and other building construction show decreases.

In 1956, with the exception of institutional building, all general categories of construction in both building and engineering showed increases over 1955, with industrial building up \$196 million and gas and oil facilities up \$194 million, being the most substantial.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction, 1953-1957<sup>1</sup>**

	1953		1954		1955		1956		1957	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total Construction .....</b>	<b>4,640</b>	<b>100.0</b>	<b>4,723</b>	<b>100.0</b>	<b>5,311</b>	<b>100.0</b>	<b>6,389</b>	<b>100.0</b>	<b>6,702</b>	<b>100.0</b>
<b>Total Building Construction .....</b>	<b>2,812</b>	<b>60.6</b>	<b>2,914</b>	<b>61.7</b>	<b>3,378</b>	<b>63.6</b>	<b>3,789</b>	<b>59.3</b>	<b>3,608</b>	<b>53.8</b>
Residential .....	1,297	27.9	1,400	29.6	1,737	32.7	1,830	28.6	1,556	23.2
Industrial .....	402	8.7	364	7.7	398	7.5	594	9.3	568	8.4
Commercial .....	502	10.8	546	11.6	514	9.7	599	9.4	688	10.3
Institutional .....	343	7.4	377	8.0	464	8.7	450	7.0	528	7.9
Other .....	268	5.8	227	4.8	265	5.0	316	5.0	268	4.0
<b>Total Engineering .....</b>	<b>1,828</b>	<b>39.4</b>	<b>1,809</b>	<b>38.3</b>	<b>1,933</b>	<b>36.4</b>	<b>2,600</b>	<b>40.7</b>	<b>3,094</b>	<b>46.2</b>
Marine Construction .....	76	1.6	72	1.5	76	1.4	128	2.0	173	2.6
Road, Highway and Aerodrome Construction .....	457	9.9	473	10.0	519	9.8	617	9.7	667	10.0
Waterworks and Sewage Systems ..	135	2.9	183	3.9	149	2.8	193	3.0	247	3.7
Dams and Irrigation .....	66	1.4	33	0.7	39	0.7	59	0.9	57	0.8
Electric Power Construction .....	338	7.3	322	6.8	338	6.4	461	7.2	627	9.4
Railway, Telephone and Telegraph Construction .....	317	6.8	295	6.3	313	5.9	389	6.1	390	5.8
Gas and Oil Facilities .....	253	5.5	270	5.7	339	6.4	533	8.3	669	10.0
Other Engineering Construction ....	186	4.0	161	3.4	160	3.0	220	3.5	264	3.9

1. Actual 1953-55, Preliminary Actual 1956, Intentions 1957.

### Labour and Material Content

The information shown in Tables 5 and 6 in this report does not follow the same concept as that shown in previous publications but the information for the years from 1953 to 1956 has been revised so that the data for all years shown are comparable. The procedures used in making these estimates are outlined on page 45. It is estimated

that 633,851 full-time workers would be required to carry out the 1957 construction program and that the value of this labour would be \$2,248 million, or almost 34 per cent of the total value of work. The estimated cost of material required for the program is \$3,208 million, about 47 per cent of the total. This proportion has remained relatively constant over the past five years.



**TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1953-1957<sup>1</sup>**  
(Thousands of dollars)

Type of structure	1953	1954	1955	1956	1957
<b>Total Value of Construction</b> .....	<b>4, 639, 645</b>	<b>4, 723, 367</b>	<b>5, 310, 629</b>	<b>6, 388, 832</b>	<b>6, 702, 072</b>
<b>Total Building Construction</b> .....	<b>2, 812, 112</b>	<b>2, 913, 891</b>	<b>3, 377, 805</b>	<b>3, 788, 477</b>	<b>3, 607, 675</b>
<b>Residential</b> .....	<b>1, 297, 300</b>	<b>1, 399, 900</b>	<b>1, 737, 300</b>	<b>1, 830, 400</b>	<b>1, 555, 800</b>
1 Dwellings, single, double, duplexes and apartments .....	1, 297, 300	1, 399, 900	1, 737, 300	1, 830, 400	1, 555, 800
<b>Industrial</b> .....	<b>401, 775</b>	<b>364, 476</b>	<b>398, 087</b>	<b>593, 789</b>	<b>568, 298</b>
2 Factories, plants, workshops, food canneries .....	332, 487	301, 338	337, 126	462, 017	446, 034
3 Mine and mine mill buildings .....	33, 374	31, 630	32, 867	89, 954	80, 413
4 Railway stations, offices, roadway buildings .....	19, 746	17, 070	15, 800	24, 490	22, 360
5 Railway shops, engine houses, water and fuel stations .....	16, 168	14, 438	12, 294	17, 328	19, 491
<b>Commercial</b> .....	<b>501, 781</b>	<b>546, 339</b>	<b>513, 491</b>	<b>599, 270</b>	<b>687, 607</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	115, 726	93, 641	83, 698	81, 875	95, 986
7 Grain elevators .....	18, 956	19, 118	15, 754	18, 353	20, 975
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	34, 513	30, 690	32, 830	54, 556	67, 557
9 Office buildings .....	134, 153	172, 968	151, 797	215, 430	225, 658
10 Stores, retail and wholesale .....	153, 015	174, 607	167, 812	143, 232	179, 020
11 Garages and service stations .....	28, 564	35, 940	39, 601	56, 193	65, 118
12 Theatres, arenas, amusement and recreational buildings .....	14, 393	17, 521	20, 006	27, 618	32, 012
13 Laundries and dry cleaning establishments .....	2, 461	1, 854	1, 993	2, 013	1, 281
<b>Institutional</b> .....	<b>343, 091</b>	<b>376, 532</b>	<b>463, 732</b>	<b>449, 424</b>	<b>528, 212</b>
14 Schools and other educational buildings .....	156, 161	175, 734	222, 008	238, 633	257, 401
15 Churches and other religious buildings .....	33, 308	38, 466	40, 536	38, 619	43, 936
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	121, 068	121, 515	146, 368	129, 385	166, 361
17 Other institutional buildings .....	32, 554	40, 817	54, 820	42, 787	60, 514
<b>Other Building Construction</b> .....	<b>268, 165</b>	<b>226, 644</b>	<b>265, 195</b>	<b>315, 594</b>	<b>267, 758</b>
18 Farm buildings (excluding dwellings) .....	135, 167	130, 860	138, 294	153, 532	160, 001
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	30, 388	20, 235	26, 738	84, 603	39, 700
20 Aeroplane hangars .....	32, 920	12, 178	6, 863	8, 794	11, 291
21 Passenger terminals, bus, boat or air .....	1, 737	1, 031	1, 669	1, 214	944
22 Armouries, barracks, drill halls, etc. ....	44, 022	35, 886	66, 152	29, 328	25, 992
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	12, 794	10, 722	17, 365	24, 737	18, 090
24 Other building construction .....	11, 137	15, 732	8, 114	13, 386	11, 740
<b>Total Engineering Construction</b> .....	<b>1, 827, 533</b>	<b>1, 809, 476</b>	<b>1, 932, 824</b>	<b>2, 600, 355</b>	<b>3, 094, 397</b>
<b>Marine Construction</b> .....	<b>76, 061</b>	<b>72, 443</b>	<b>76, 222</b>	<b>127, 947</b>	<b>173, 031</b>
25 Docks, wharves, piers, breakwaters .....	45, 826	39, 606	29, 561	42, 619	46, 003
26 Retaining walls, embankments, riprapping .....	5, 465	2, 390	2, 553	4, 689	2, 725
27 Canals and waterways .....	3, 569	6, 373	4, 908	3, 332	2, 675
28 Dredging and pile driving .....	9, 015	17, 025	19, 488	28, 498	55, 620
29 Dyke construction .....	6, 313	1, 281	5, 679	12, 546	14, 939
30 Logging booms .....	1, 904	1, 519	3, 675	4, 011	2, 500
31 Other marine construction .....	3, 969	4, 249	10, 358	32, 252	48, 569

1. Actual 1953-1955, Preliminary Actual 1956, Intentions 1957.



**TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1953-1957<sup>1</sup> — Concluded**  
(Thousands of dollars)

Type of structure	1953	1954	1955	1956	1957
<b>Road, Highway and Aerodrome Construction .....</b>	<b>457, 130</b>	<b>473, 424</b>	<b>519, 259</b>	<b>616, 813</b>	<b>667, 145</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	190, 456	207, 575	237, 915	328, 056	355, 098
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	122, 352	129, 228	153, 008	186, 351	184, 725
34 Dirt, clay or other streets, roads, parking lots, etc. ....	26, 760	33, 431	55, 518	55, 016	52, 529
35 Grading, scraping, oiling, filling .....	64, 314	73, 483	39, 894	21, 655	21, 518
36 Sidewalks, paths .....	21, 226	22, 074	17, 001	18, 104	19, 417
37 Aerodromes, landing fields, runways, tarmac .....	32, 022	7, 633	15, 923	7, 631	33, 858
<b>Waterworks and Sewage Systems .....</b>	<b>134, 967</b>	<b>183, 457</b>	<b>148, 648</b>	<b>193, 576</b>	<b>246, 823</b>
38 Tile drains, drainage ditches, storm sewers .....	18, 159	30, 127	27, 223	11, 068	11, 067
39 Water mains, hydrants and services .....	59, 267	71, 289	57, 854	73, 881	93, 779
40 Sewage systems and connections .....	51, 896	73, 990	54, 373	91, 793	124, 949
41 Pumping stations, water .....	4, 561	3, 753	5, 669	14, 813	11, 374
42 Water storage tanks .....	1, 084	4, 298	3, 529	2, 021	5, 654
<b>Dams and Irrigation .....</b>	<b>65, 695</b>	<b>32, 845</b>	<b>38, 949</b>	<b>59, 006</b>	<b>56, 536</b>
43 Dams and reservoirs .....	46, 845	20, 911	25, 795	40, 081	34, 832
44 Irrigation and land reclamation projects .....	18, 850	11, 934	13, 154	18, 925	21, 704
<b>Electric Power Construction .....</b>	<b>338, 054</b>	<b>321, 870</b>	<b>338, 035</b>	<b>461, 211</b>	<b>627, 142</b>
45 Electric power generating plants, including water conveying and controlling structures .....	331, 202	153, 041	123, 818	202, 940	329, 281
46 Electric transformer stations .....		16, 295	33, 641	49, 513	60, 273
47 Power transmission and distribution lines, trolley wires .....		146, 884	170, 914	198, 273	226, 305
48 Street lighting .....		5, 650	9, 662	10, 485	11, 283
<b>Railway, Telephone and Telegraph .....</b>	<b>316, 542</b>	<b>294, 824</b>	<b>312, 498</b>	<b>388, 862</b>	<b>390, 114</b>
49 Railway tracks and roadbed .....	209, 459	185, 162	194, 618	253, 085	241, 050
50 Signals and interlockers .....	9, 425	8, 232	6, 284	10, 054	10, 143
51 Telegraph and telephone lines, underground and marine cables .....	97, 658	101, 430	111, 596	125, 723	138, 921
<b>Gas and Oil Facilities .....</b>	<b>253, 117</b>	<b>269, 787</b>	<b>339, 104</b>	<b>532, 964</b>	<b>669, 534</b>
52 Gas mains and services .....	8, 813	7, 313	14, 436	34, 330	45, 847
53 Pumping stations, oil .....	9, 098	8, 669	4, 947	4, 826	9, 906
54 Pumping stations, gas .....	371	1, 048	755	3, 162	5, 615
55 Oil storage tanks .....	17, 519	15, 944	17, 805	21, 557	27, 454
56 Gas storage tanks .....	4, 599	3, 139	1, 627	2, 838	4, 578
57 Oil pipe lines .....	58, 055	49, 520	23, 264	30, 571	32, 456
58 Gas pipe lines .....	9, 265	14, 254	26, 503	142, 208	242, 077
59 Oil wells .....	72, 695	89, 777	146, 144	189, 072	170, 033
60 Gas wells .....	12, 567	8, 518	14, 605	14, 781	18, 754
61 Oil refinery—processing units .....	58, 926	68, 451	86, 484	75, 748	83, 716
62 Natural gas cleaning plants .....	1, 209	3, 154	2, 534	13, 871	29, 098
<b>Other Engineering Construction .....</b>	<b>185, 967</b>	<b>160, 826</b>	<b>160, 109</b>	<b>219, 976</b>	<b>264, 072</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	67, 571	78, 243	86, 567	124, 543	154, 857
64 Tunnels and subways .....	40, 345	8, 011	3, 290	4, 289	8, 190
65 Incinerators .....	2, 209	5, 552	1, 664	1, 041	3, 098
66 Park systems, landscaping, sodding, etc. ....	9, 260	9, 929	6, 042	6, 243	7, 789
67 Swimming pools, tennis courts, outdoor recreation facilities .....	3, 938	5, 636	1, 623	1, 757	2, 310
68 Mine shafts and other below surface workings .....	24, 296	22, 270	24, 885	41, 814	51, 303
69 Fences, snowsheds, signs, guard rails .....	17, 567	16, 785	17, 752	18, 387	18, 326
70 Other engineering construction .....	20, 781	14, 400	18, 286	21, 902	18, 199

1. Actual 1953-1955, Preliminary Actual 1956, Intentions 1957

**TABLE 5. Labour Content and Cost of Materials Used 1953-1957<sup>1</sup>**  
By Provinces

Province	Labour Content		Cost of materials used	Value of work performed
	No.	Value		
			\$(000)	
<b>Canada:</b>				
1953 .....	515,060	1,651,390	2,185,613	4,639,645
1954 .....	518,186	1,680,132	2,194,810	4,723,367
1955 .....	534,018	1,787,319	2,540,914	5,310,629
1956 .....	605,722	2,144,817	3,050,862	6,388,832
1957 .....	633,851	2,248,221	3,208,236	6,702,072
<b>Newfoundland:</b>				
1953 .....	9,014	27,799	30,298	68,118
1954 .....	9,778	26,639	30,702	67,372
1955 .....	10,045	28,393	35,796	77,659
1956 .....	10,374	30,136	36,122	80,830
1957 .....	11,689	34,638	44,226	94,267
<b>Prince Edward Island:</b>				
1953 .....	2,022	4,264	7,398	14,222
1954 .....	2,245	4,921	5,900	15,589
1955 .....	2,418	5,359	7,249	17,179
1956 .....	2,281	5,322	7,150	17,172
1957 .....	2,244	5,102	6,950	16,698
<b>Nova Scotia:</b>				
1953 .....	20,031	51,490	68,550	141,184
1954 .....	19,049	49,791	62,510	136,018
1955 .....	17,993	48,278	70,308	142,228
1956 .....	17,954	50,150	73,513	147,765
1957 .....	17,683	49,116	70,993	143,087
<b>New Brunswick:</b>				
1953 .....	15,439	37,480	52,775	105,227
1954 .....	14,897	38,476	59,795	110,975
1955 .....	19,539	52,249	73,463	154,029
1956 .....	20,281	56,439	79,986	167,162
1957 .....	19,151	53,134	76,200	159,535
<b>Quebec:</b>				
1953 .....	135,104	404,631	537,622	1,124,040
1954 .....	135,102	415,441	559,341	1,160,447
1955 .....	132,566	419,834	652,895	1,306,593
1956 .....	146,714	488,882	763,125	1,530,279
1957 .....	150,814	501,958	784,252	1,570,843
<b>Ontario:</b>				
1953 .....	173,932	569,627	744,621	1,597,331
1954 .....	183,134	611,897	792,362	1,699,764
1955 .....	187,914	650,722	898,727	1,869,335
1956 .....	209,030	759,958	1,055,248	2,194,020
1957 .....	226,793	825,813	1,155,520	2,398,677
<b>Manitoba:</b>				
1953 .....	29,327	81,279	122,620	245,760
1954 .....	27,381	83,796	116,945	240,977
1955 .....	29,275	90,679	123,789	257,433
1956 .....	33,823	109,380	152,222	310,905
1957 .....	37,839	123,540	176,814	359,307

**TABLE 5. Labour Content and Cost of Materials Used 1953-1957<sup>1</sup>  
By Provinces - Concluded**

Province	Labour Content		Cost of materials used	Value of work performed
	No.	Value		
			\$(000)	
<b>Saskatchewan:</b>				
1953 .....	25,476	77,455	114,996	235,195
1954 .....	30,656	100,784	125,626	291,521
1955 .....	27,556	91,677	131,271	280,415
1956 .....	34,353	118,605	168,025	363,086
1957 .....	33,778	116,117	164,722	353,758
<b>Alberta:</b>				
1953 .....	50,570	179,335	264,628	556,008
1954 .....	50,934	172,931	247,360	550,258
1955 .....	52,641	187,267	284,492	623,605
1956 .....	59,039	226,063	339,497	747,716
1957 .....	56,005	214,072	321,471	707,837
<b>British Columbia:</b>				
1953 .....	54,145	218,030	242,105	552,560
1954 .....	45,010	175,456	194,269	450,446
1955 .....	54,071	212,861	262,924	582,153
1956 .....	71,873	299,882	375,974	829,897
1957 .....	77,855	324,731	407,088	898,063

1. Actual 1953-55 Preliminary Actual 1956, Intentions 1957.

**TABLE 6. Labour Content and Cost of Materials Used 1953-1957<sup>1</sup>  
By Contractors and Others**

Type	Labour Content		Cost of materials used	Value of work performed
	No.	Value		
			\$(000)	
<b>Total:</b>				
1953 .....	515,060	1,651,390	2,185,613	4,639,645
1954 .....	518,186	1,680,132	2,194,810	4,723,367
1955 .....	534,018	1,787,319	2,540,914	5,310,629
1956 .....	605,722	2,144,817	3,050,862	6,388,832
1957 .....	633,851	2,248,221	3,208,236	6,702,072
<b>Contractors:</b>				
1953 .....	322,889	1,110,446	1,588,109	3,358,410
1954 .....	321,525	1,101,370	1,599,498	3,381,630
1955 .....	343,322	1,213,022	1,867,575	3,875,878
1956 .....	409,287	1,522,051	2,331,803	4,849,493
1957 .....	434,514	1,616,976	2,476,498	5,140,743
<b>Utilities:</b>				
1953 .....	79,870	233,692	263,128	540,341
1954 .....	77,137	243,910	244,013	537,576
1955 .....	75,707	239,877	305,097	602,942
1956 .....	86,266	285,461	354,318	708,853
1957 .....	87,118	288,120	367,533	725,591
<b>Governments:</b>				
1953 .....	56,640	148,278	131,529	318,278
1954 .....	68,724	179,767	141,983	383,558
1955 .....	61,176	167,492	131,285	361,725
1956 .....	59,590	173,820	135,471	370,658
1957 .....	63,036	184,611	143,424	392,130
<b>Others:</b>				
1953 .....	55,661	158,974	202,847	422,616
1954 .....	50,800	155,085	209,316	420,603
1955 .....	53,813	166,928	236,957	470,084
1956 .....	50,579	163,465	229,270	459,828
1957 .....	49,183	158,514	220,781	443,608

1. Actual 1953-55, Preliminary Actual 1956, Intentions 1957.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1955-57<sup>1</sup>  
TABLE 7. By Type of Structure New and Repair  
(Thousand of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>4,269,694</b>	<b>1,040,935</b>	<b>5,310,629</b>	<b>5,260,319</b>	<b>1,128,513</b>	<b>6,388,832</b>	<b>5,563,371</b>	<b>1,138,701</b>	<b>6,702,072</b>
<b>Total Building Construction .....</b>	<b>2,811,293</b>	<b>566,512</b>	<b>3,377,805</b>	<b>3,184,607</b>	<b>603,870</b>	<b>3,788,477</b>	<b>2,989,175</b>	<b>618,500</b>	<b>3,607,675</b>
<b>Residential .....</b>	<b>1,499,300</b>	<b>238,000</b>	<b>1,737,300</b>	<b>1,574,900</b>	<b>255,500</b>	<b>1,830,400</b>	<b>1,283,000</b>	<b>272,800</b>	<b>1,555,800</b>
1 Dwellings, single, double, duplexes and apartments .....	1,499,300	238,000	1,737,300	1,574,900	255,500	1,830,400	1,283,000	272,800	1,555,800
<b>Industrial .....</b>	<b>293,375</b>	<b>104,712</b>	<b>398,087</b>	<b>475,409</b>	<b>118,380</b>	<b>593,789</b>	<b>453,987</b>	<b>114,311</b>	<b>568,298</b>
2 Factories, plants, workshops, food canneries .....	257,837	79,289	337,126	377,463	84,554	462,017	363,130	82,904	446,034
3 Mine and mine mill buildings .....	26,109	6,758	32,867	82,554	7,400	89,954	72,803	7,610	80,413
4 Railway stations, offices, roadway buildings .....	5,082	10,718	15,800	9,261	15,229	24,490	9,261	13,099	22,360
5 Railway shops, engine houses, water and fuel stations .....	4,347	7,947	12,294	6,131	11,197	17,328	8,793	10,698	19,491
<b>Commercial .....</b>	<b>427,232</b>	<b>86,259</b>	<b>513,491</b>	<b>509,973</b>	<b>89,297</b>	<b>599,270</b>	<b>598,797</b>	<b>88,810</b>	<b>687,607</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	72,573	11,125	83,698	70,042	11,833	81,875	84,529	11,457	95,986
7 Grain elevators .....	10,147	5,607	15,754	12,376	5,977	18,353	15,609	5,366	20,975
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	22,392	10,438	32,830	43,506	11,050	54,556	54,020	13,537	67,557
9 Office buildings .....	125,529	26,268	151,797	186,434	28,996	215,430	198,122	27,536	225,658
10 Stores, retail and wholesale .....	144,645	23,167	167,812	121,910	21,322	143,232	158,010	21,010	179,020
11 Garages and service stations .....	33,217	6,384	39,601	49,140	7,053	56,193	57,908	7,210	65,118
12 Theatres, arenas, amusement and recreational buildings .....	17,627	2,379	20,006	25,415	2,203	27,618	30,126	1,886	32,012
13 Laundries and dry cleaning establishments .....	1,102	891	1,993	1,150	863	2,013	473	808	1,281
<b>Institutional .....</b>	<b>408,201</b>	<b>55,531</b>	<b>463,732</b>	<b>397,809</b>	<b>51,615</b>	<b>449,424</b>	<b>477,231</b>	<b>50,981</b>	<b>528,212</b>
14 Schools and other educational buildings ....	199,983	22,025	222,008	215,690	22,943	238,633	234,338	23,063	257,401
15 Churches and other religious buildings ....	32,591	7,945	40,536	32,140	6,479	38,619	37,088	6,848	43,936
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	132,967	13,401	146,368	114,526	14,859	129,385	151,888	14,473	166,361
17 Other institutional buildings .....	42,660	12,160	54,820	35,453	7,334	42,787	53,917	6,597	60,514
<b>Other Building Construction .....</b>	<b>183,185</b>	<b>82,010</b>	<b>265,195</b>	<b>226,516</b>	<b>89,078</b>	<b>315,594</b>	<b>176,160</b>	<b>91,598</b>	<b>267,758</b>
18 Farm buildings (excluding dwellings) .....	80,688	57,606	138,294	89,252	64,280	153,532	93,785	66,216	160,001
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	25,418	1,320	26,738	83,339	1,264	84,603	38,174	1,526	39,700
20 Aeroplane hangars .....	5,093	1,770	6,863	6,952	1,842	8,794	9,341	1,950	11,291
21 Passenger terminals, bus, boat or air .....	1,583	86	1,669	1,033	181	1,214	585	359	944
22 Armouries, barracks, drill halls, etc. ....	53,514	12,638	66,152	16,255	13,073	29,328	12,732	13,260	25,992
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	12,192	5,173	17,365	19,971	4,766	24,737	13,445	4,645	18,090
24 Other building construction .....	4,697	3,417	8,114	9,714	3,672	13,386	8,098	3,642	11,740
<b>Total Engineering Construction .....</b>	<b>1,458,401</b>	<b>474,423</b>	<b>1,932,824</b>	<b>2,075,712</b>	<b>524,643</b>	<b>2,600,355</b>	<b>2,574,196</b>	<b>520,201</b>	<b>3,094,397</b>
<b>Marine Construction .....</b>	<b>60,945</b>	<b>15,277</b>	<b>76,222</b>	<b>111,493</b>	<b>16,454</b>	<b>127,947</b>	<b>156,221</b>	<b>16,810</b>	<b>173,031</b>
25 Docks, wharves, piers, breakwaters .....	22,116	7,445	29,561	34,588	8,031	42,619	38,225	7,778	46,003
26 Retaining walls, embankments, riprapping ..	2,011	542	2,553	4,139	550	4,689	2,143	582	2,725
27 Canals and waterways .....	3,297	1,611	4,908	2,041	1,291	3,332	1,367	1,308	2,675
28 Dredging and pile driving .....	16,210	3,278	19,488	25,042	3,456	28,498	51,221	4,399	55,620
29 Dyke construction .....	5,411	268	5,679	12,237	309	12,546	14,615	324	14,939
30 Logging booms .....	2,791	884	3,675	2,902	1,109	4,011	1,494	1,006	2,500
31 Other marine construction .....	9,109	1,249	10,358	30,544	1,708	32,252	47,156	1,413	48,569

1. Actual 1955, Preliminary Actual 1956, Intentions 1957.

**TABLE 7. By Type of Structure New and Repair - Concluded**  
(Thousand of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction</b>	<b>359,209</b>	<b>160,050</b>	<b>519,259</b>	<b>448,227</b>	<b>168,586</b>	<b>616,813</b>	<b>485,924</b>	<b>181,221</b>	<b>667,145</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	168,109	69,806	237,915	245,597	82,459	328,056	260,444	94,654	355,098
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	98,578	54,430	153,008	125,911	60,440	186,351	124,502	60,223	184,725
34 Dirt, clay or other streets, roads, parking lots, etc. ....	34,763	20,755	55,518	40,050	14,966	55,016	36,686	15,843	52,529
35 Grading, scraping, oiling, filling ....	28,607	11,287	39,894	14,159	7,496	21,655	14,437	7,081	21,518
36 Sidewalks, paths ....	13,878	3,123	17,001	15,413	2,691	18,104	16,583	2,834	19,417
37 Aerodromes, landing fields, runways, tarmac	15,274	649	15,923	7,097	534	7,631	33,272	586	33,858
<b>Waterworks and Sewage Systems</b>	<b>127,214</b>	<b>21,434</b>	<b>148,648</b>	<b>167,668</b>	<b>25,908</b>	<b>193,576</b>	<b>219,483</b>	<b>27,340</b>	<b>246,823</b>
38 Tile drains, drainage ditches, storm sewers	24,687	2,536	27,223	7,279	3,789	11,068	7,012	4,055	11,067
39 Water mains, hydrants and services ....	45,333	12,521	57,854	60,005	13,876	73,881	79,146	14,633	93,779
40 Sewage systems and connections ....	49,052	5,321	54,373	84,737	7,056	91,793	117,434	7,515	124,949
41 Pumping stations, water ....	4,768	901	5,669	13,700	1,113	14,813	10,333	1,041	11,374
42 Water storage tanks ....	3,374	155	3,529	1,947	74	2,021	5,558	96	5,654
<b>Dams and Irrigation</b>	<b>34,293</b>	<b>4,656</b>	<b>38,949</b>	<b>53,328</b>	<b>5,678</b>	<b>59,006</b>	<b>50,818</b>	<b>5,718</b>	<b>56,536</b>
43 Dams and reservoirs ....	23,657	2,138	25,795	37,705	2,376	40,081	32,572	2,260	34,832
44 Irrigation and land reclamation projects ...	10,636	2,518	13,154	15,623	3,302	18,925	18,246	3,458	21,704
<b>Electric Power Construction</b>	<b>301,183</b>	<b>36,852</b>	<b>338,035</b>	<b>420,121</b>	<b>41,090</b>	<b>461,211</b>	<b>581,720</b>	<b>45,422</b>	<b>627,142</b>
45 Electric power generating plants, including water conveying and controlling structures ....	115,944	7,874	123,818	193,385	9,555	202,940	318,222	11,059	329,281
46 Electric transformer stations ....	29,355	4,286	33,641	45,061	4,452	49,513	55,327	4,946	60,273
47 Power transmission and distribution lines trolley wires ....	149,254	21,660	170,914	175,625	22,648	198,273	201,334	24,971	226,305
48 Street lighting ....	6,630	3,032	9,662	6,050	4,435	10,485	6,837	4,446	11,283
<b>Railway, Telephone and Telegraph</b>	<b>143,906</b>	<b>168,592</b>	<b>312,498</b>	<b>202,324</b>	<b>186,538</b>	<b>388,862</b>	<b>228,184</b>	<b>161,930</b>	<b>390,114</b>
49 Railway tracks and roadbed ....	61,199	133,419	194,618	111,326	141,759	253,085	121,187	119,863	241,050
50 Signals and interlockers ....	1,935	4,349	6,284	3,979	6,075	10,054	4,707	5,436	10,143
51 Telegraph and telephone lines, underground and marine cables ....	80,772	30,824	111,596	87,019	38,704	125,723	102,290	36,631	138,921
<b>Gas and Oil Facilities</b>	<b>311,291</b>	<b>27,813</b>	<b>339,104</b>	<b>504,444</b>	<b>28,520</b>	<b>532,964</b>	<b>639,685</b>	<b>29,849</b>	<b>669,534</b>
52 Gas mains and services ....	12,896	1,540	14,436	32,054	2,276	34,330	43,900	1,947	45,847
53 Pumping stations, oil ....	3,992	955	4,947	3,637	1,189	4,826	8,554	1,352	9,906
54 Pumping stations, gas ....	688	67	755	3,130	32	3,162	5,558	57	5,615
55 Oil storage tanks ....	15,983	1,822	17,805	20,251	1,306	21,557	26,303	1,151	27,454
56 Gas storage tanks ....	1,237	390	1,627	2,451	387	2,838	3,642	936	4,578
57 Oil pipe lines ....	21,920	1,344	23,264	29,277	1,294	30,571	30,949	1,507	32,456
58 Gas pipe lines ....	25,275	1,228	26,503	141,309	899	142,208	241,225	852	242,077
59 Oil wells ....	143,229	2,915	146,144	185,167	3,905	189,072	165,555	4,478	170,033
60 Gas wells ....	14,376	229	14,605	14,531	250	14,781	18,462	292	18,754
61 Oil refinery - processing units ....	69,350	17,134	86,484	58,954	16,794	75,748	66,877	16,839	83,716
62 Natural gas cleaning plants ....	2,345	189	2,534	13,683	188	13,871	28,660	438	29,098
<b>Other Engineering Construction</b>	<b>120,360</b>	<b>39,749</b>	<b>160,109</b>	<b>168,107</b>	<b>51,869</b>	<b>219,976</b>	<b>212,161</b>	<b>51,911</b>	<b>264,072</b>
63 Bridges, trestles, culverts, overpasses, viaducts ....	66,128	20,439	86,567	95,887	28,656	124,543	127,778	27,079	154,857
64 Tunnels and subways ....	2,868	422	3,290	3,761	528	4,289	7,305	885	8,190
65 Incinerators ....	383	1,281	1,664	615	426	1,041	2,720	378	3,098
66 Park systems, landscaping, sodding, etc.	3,176	2,866	6,042	3,327	2,916	6,243	4,637	3,152	7,789
67 Swimming pools, tennis courts, outdoor recreation facilities ....	924	699	1,623	1,026	731	1,757	1,572	738	2,310
68 Mine shafts and other below surface workings ....	22,814	2,071	24,885	39,453	2,361	41,814	48,377	2,926	51,303
69 Fences, snowsheds, signs, guard rails ...	7,565	10,187	17,752	7,320	11,067	18,387	7,408	10,918	18,326
70 Other engineering construction ....	16,502	1,784	18,286	16,718	5,184	21,902	12,364	5,835	18,199



TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1955 to 1956		Change 1956 to 1957		Type of structure	Change 1955 to 1956		Change 1956 to 1957	
	\$ Mill	%	\$ Mill	%		\$ Mill	%	\$ Mill	%
<b>Total Value of Construction .....</b>	<b>1,078</b>	<b>20.3</b>	<b>313</b>	<b>4.9</b>	<b>Road, Highway and Aerodrome Construction ...</b>	<b>98</b>	<b>18.8</b>	<b>50</b>	<b>8.2</b>
<b>Total Building Construction.....</b>	<b>411</b>	<b>12.2</b>	<b>-181</b>	<b>- 4.8</b>	32 Hard surfaced or paved streets, highways, parking lots, etc. ....	90	-	27	-
<b>Residential .....</b>	<b>93</b>	<b>5.4</b>	<b>-275</b>	<b>-15.0</b>	33 Gravel or stone streets, highways, roads, parking lots, etc. ....	33	-	2	-
1 Dwellings, single, double, duplexes and apartments .....	93	-	-275	-	34 Dirt, clay or other streets, roads, parking lots, etc. ....	- 1	-	- 2	-
<b>Industrial .....</b>	<b>196</b>	<b>49.2</b>	<b>- 25</b>	<b>- 4.3</b>	35 Grading, scraping, oiling, filling .....	- 18	-	0	-
2 Factories, plants, work shops, food canneries .....	125	-	- 16	-	36 Sidewalks, paths .....	1	-	1	-
3 Mine and mine mill buildings .....	57	-	- 10	-	37 Aerodromes, landing fields, runways, tarmac .....	- 8	-	26	-
4 Railway stations, offices, roadway buildings .....	9	-	- 2	-	<b>Waterworks and Sewage Systems .....</b>	<b>45</b>	<b>30.2</b>	<b>53</b>	<b>27.5</b>
5 Railway shops, engine houses, water and fuel stations .....	5	-	2	-	38 Tile drains, drainage ditches, storm sewers .....	- 16	-	0	-
<b>Commercial .....</b>	<b>86</b>	<b>16.7</b>	<b>88</b>	<b>14.7</b>	39 Water mains, hydrants and services .....	16	-	20	-
6 Warehouses, storehouses, refrigerated stor- age, etc. ....	- 2	-	14	-	40 Sewage systems and connections .....	37	-	33	-
7 Grain elevators .....	3	-	2	-	41 Pumping stations, water .....	9	-	- 3	-
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	22	-	13	-	42 Water storage tanks .....	- 2	-	4	-
9 Office buildings .....	64	-	10	-	<b>Dams and Irrigation .....</b>	<b>20</b>	<b>51.5</b>	<b>- 2</b>	<b>- 4.2</b>
10 Stores, retail and wholesale .....	- 25	-	36	-	43 Dams and reservoirs .....	14	-	- 5	-
11 Garages and service stations .....	17	-	9	-	44 Irrigation and land reclamation projects .....	6	-	3	-
12 Theatres, arenas, amusement and recrea- tional buildings .....	8	-	4	-	<b>Electric Power Construction .....</b>	<b>123</b>	<b>36.4</b>	<b>166</b>	<b>36.0</b>
13 Laundries and dry cleaning establishments ..	0	-	- 1	-	45 Electric power generating plants, including water conveying and controlling struc- tures .....	79	-	126	-
<b>Institutional .....</b>	<b>- 14</b>	<b>- 3.1</b>	<b>79</b>	<b>17.5</b>	46 Electric transformer stations .....	16	-	11	-
14 Schools and other educational buildings .....	17	-	19	-	47 Power transmission and distribution lines, trolley wires .....	27	-	28	-
15 Churches and other religious buildings .....	- 2	-	5	-	48 Street lighting .....	1	-	1	-
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	- 17	-	37	-	<b>Railway, Telephone and Telegraph.....</b>	<b>76</b>	<b>24.4</b>	<b>1</b>	<b>0.3</b>
17 Other institutional buildings .....	- 12	-	18	-	49 Railway tracks and roadbed .....	58	-	- 12	-
<b>Other Building Construction .....</b>	<b>50</b>	<b>19.0</b>	<b>- 48</b>	<b>-15.2</b>	50 Signals and interlockers .....	4	-	0	-
18 Farm buildings (excluding dwellings) .....	15	-	6	-	51 Telegraph and telephone lines, underground and marine cables .....	14	-	13	-
19 Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	58	-	- 45	-	<b>Gas and Oil Facilities .....</b>	<b>194</b>	<b>57.2</b>	<b>137</b>	<b>25.6</b>
20 Aeroplane hangars .....	2	-	2	-	52 Gas mains and services .....	20	-	12	-
21 Passenger terminals, bus, boat or air .....	0	-	0	-	53 Pumping stations, oil .....	0	-	5	-
22 Armouries, barracks, drill halls, etc. ....	- 37	-	- 3	-	54 Pumping stations, gas .....	2	-	2	-
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	7	-	- 7	-	55 Oil storage tanks .....	4	-	6	-
24 Other building construction .....	5	-	- 2	-	56 Gas storage tanks .....	1	-	2	-
<b>Total Engineering Construction .....</b>	<b>668</b>	<b>34.5</b>	<b>494</b>	<b>19.0</b>	57 Oil pipe lines .....	7	-	2	-
<b>Marine Construction.....</b>	<b>52</b>	<b>67.9</b>	<b>45</b>	<b>35.2</b>	58 Gas pipe lines .....	116	-	100	-
25 Docks, wharves, piers, breakwaters .....	13	-	3	-	59 Oil wells .....	43	-	- 19	-
26 Retaining walls, embankments, riprapping ...	2	-	- 2	-	60 Gas wells .....	0	-	4	-
27 Canals and waterways .....	- 2	-	- 1	-	61 Oil refinery—processing units .....	- 11	-	8	-
28 Dredging and pile driving .....	9	-	27	-	62 Natural gas cleaning plants .....	11	-	15	-
29 Dyke construction .....	7	-	2	-	<b>Other Engineering Construction .....</b>	<b>60</b>	<b>37.4</b>	<b>44</b>	<b>20.0</b>
30 Logging booms .....	0	-	- 2	-	63 Bridges, trestles, culverts, overpasses, viaducts .....	38	-	30	-
31 Other marine construction .....	22	-	16	-	64 Tunnels and subways .....	1	-	4	-
					65 Inclinerators .....	- 1	-	2	-
					66 Park systems, landscaping, sodding, etc. ..	0	-	2	-
					67 Swimming pools, tennis courts, outdoor re- creation facilities .....	0	-	1	-
					68 Mine shafts and other below surface workings .....	17	-	9	-
					69 Fences, snowsheds, signs, guard rails .....	1	-	0	-
					70 Other engineering construction .....	4	-	- 4	-



**TABLE 9. By Principal Types of Construction for Industry or Sector**  
(Thousands of dollars)

	1955			1956			1957		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
<b>Total .....</b>	<b>3,377,805</b>	<b>1,932,824</b>	<b>5,310,629</b>	<b>3,788,477</b>	<b>2,600,335</b>	<b>6,388,832</b>	<b>3,607,675</b>	<b>3,094,397</b>	<b>6,702,072</b>
Agriculture and Fishing .....	135,393	18,148	153,541	152,788	20,215	173,003	159,137	21,047	180,184
Forestry .....	12,461	41,421	53,882	11,436	47,179	58,615	10,889	42,961	53,850
Mining, Quarrying and Oil Wells .....	45,010	219,378	264,388	103,218	285,417	388,635	90,686	275,939	366,625
Construction .....	18,723	1,612	20,335	22,565	617	23,182	17,987	1,461	19,448
Manufacturing .....	327,405	117,644	445,049	443,023	139,564	582,587	436,169	140,743	576,912
Utilities .....	91,785	814,510	906,295	111,708	1,227,189	1,338,897	120,318	1,612,388	1,732,706
Trade—Wholesale and Retail .....	203,947	10,945	214,892	198,150	15,643	213,793	246,675	20,636	267,311
Finance, Insurance and Real Estate .....	76,674	15,011	91,685	98,660	13,875	112,535	123,078	13,906	136,984
Commercial Services .....	43,946	1,625	45,571	64,294	1,766	66,060	81,132	284	81,416
Housing .....	1,737,300	—	1,737,300	1,830,400	—	1,830,400	1,555,800	—	1,555,800
Institutional Services .....	408,272	841	409,113	401,411	987	402,398	462,225	878	463,103
Government Departments .....	276,889	691,689	968,578	350,824	847,903	1,198,727	303,579	964,154	1,267,733

**TABLE 10. Dollars and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1955 to 1956						Change 1956 to 1957					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total .....</b>	<b>411</b>	<b>12.2</b>	<b>668</b>	<b>34.5</b>	<b>1,078</b>	<b>20.3</b>	<b>-181</b>	<b>-4.8</b>	<b>494</b>	<b>19.0</b>	<b>313</b>	<b>4.9</b>
Agriculture and Fishing .....	17	12.8	2	11.4	19	12.7	6	4.2	1	4.1	7	4.2
Forestry .....	1	8.2	6	13.9	5	8.8	- 1	- 4.8	- 4	- 8.9	- 5	- 8.1
Mining, Quarrying and Oil Wells .....	58	129.3	66	30.1	124	47.0	- 13	-12.1	- 9	- 3.3	- 22	- 5.7
Construction .....	4	20.5	- 1	-61.7	3	14.0	- 5	-10.3	1	136.8	- 4	- 6.1
Manufacturing .....	116	35.3	22	18.6	138	30.9	- 7	- 1.5	1	0.8	- 6	- 1.0
Utilities .....	20	21.7	413	50.7	433	47.7	9	- 7.7	385	31.4	394	29.4
Trade—Wholesale and Retail .....	- 6	- 2.8	5	42.9	- 1	- 0.5	49	24.5	5	31.9	54	25.0
Finance, Insurance and Real Estate .....	22	28.7	- 1	- 7.6	21	22.7	24	24.7	0	0.2	24	21.7
Commercial Services .....	20	46.3	0	8.7	20	45.0	17	26.2	- 1	-83.9	15	23.2
Housing .....	93	5.4	0	0.0	93	5.4	-275	-15.0	0	0.0	-275	-15.0
Institutional Services .....	- 7	- 1.7	0	17.4	- 7	- 1.6	61	15.2	0	-11.0	61	15.1
Government Departments .....	74	26.7	156	22.6	230	23.8	- 47	-13.5	116	13.7	69	5.8

VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR 1955-1957<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction</b> .....	<b>387,313</b>	<b>104,833</b>	<b>492,146</b>	<b>529,552</b>	<b>113,883</b>	<b>643,435</b>	<b>501,829</b>	<b>119,278</b>	<b>620,107</b>
<b>Total Building Construction</b> .....	<b>138,233</b>	<b>73,354</b>	<b>211,587</b>	<b>210,359</b>	<b>79,648</b>	<b>290,007</b>	<b>196,890</b>	<b>81,809</b>	<b>278,699</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
1 Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>33,625</b>	<b>8,897</b>	<b>42,522</b>	<b>92,913</b>	<b>8,863</b>	<b>101,776</b>	<b>80,722</b>	<b>9,257</b>	<b>89,979</b>
2 Factories, plants, workshops, food canneries .....	7,483	2,224	9,707	10,257	1,453	11,710	7,510	1,633	9,143
3 Mine and mine mill buildings .....	25,902	6,661	32,563	82,554	7,395	89,949	72,803	7,610	80,413
4 Railway stations, offices, roadway buildings .....	184	12	196	10	7	17	408	4	412
5 Railway shops, engine houses, water and fuel stations .....	56	—	56	92	8	100	1	10	11
<b>Commercial</b> .....	<b>16,814</b>	<b>2,360</b>	<b>19,174</b>	<b>18,199</b>	<b>2,059</b>	<b>20,258</b>	<b>16,274</b>	<b>1,932</b>	<b>18,206</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	6,394	1,084	7,478	8,190	1,013	9,203	6,988	984	7,972
7 Grain elevators .....	—	—	—	—	7	7	—	7	7
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	145	11	156	81	36	117	267	17	284
9 Office buildings .....	9,489	1,128	10,617	8,453	697	9,150	6,724	649	7,373
10 Stores, retail and wholesale .....	21	13	34	341	138	479	133	132	265
11 Garages and service stations .....	576	100	676	724	123	847	746	94	840
12 Theatres, arenas, amusement and recreational buildings .....	172	24	196	399	41	440	1,411	48	1,459
13 Laundries and dry cleaning establishments .....	17	—	17	11	4	15	5	1	6
<b>Institutional</b> .....	<b>279</b>	<b>40</b>	<b>319</b>	<b>595</b>	<b>25</b>	<b>620</b>	<b>309</b>	<b>24</b>	<b>333</b>
14 Schools and other educational buildings .....	138	27	165	274	8	282	78	10	88
15 Churches and other religious buildings .....	—	1	1	12	3	15	—	2	2
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	122	12	134	309	14	323	216	12	228
17 Other institutional buildings .....	19	—	19	—	—	—	15	—	15
<b>Other Building Construction</b> .....	<b>87,515</b>	<b>62,057</b>	<b>149,572</b>	<b>98,652</b>	<b>68,701</b>	<b>167,353</b>	<b>99,585</b>	<b>70,596</b>	<b>170,181</b>
18 Farm buildings (excluding dwellings) .....	76,753	57,328	134,081	87,280	64,016	151,296	91,640	65,938	157,578
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	49	29	78	26	46	72	185	35	220
20 Aeroplane hangars .....	3	—	3	205	—	205	—	1	1
21 Passenger terminals, bus, boat or air .....	20	—	20	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	10,274	4,370	14,644	10,512	4,302	14,814	7,255	4,283	11,538
24 Other building construction .....	416	330	746	629	337	966	505	339	844
<b>Total Engineering Construction</b> .....	<b>249,080</b>	<b>31,479</b>	<b>280,559</b>	<b>319,193</b>	<b>34,235</b>	<b>353,428</b>	<b>304,939</b>	<b>36,469</b>	<b>341,408</b>
<b>Marine Construction</b> .....	<b>14,138</b>	<b>2,739</b>	<b>16,877</b>	<b>11,362</b>	<b>3,080</b>	<b>14,442</b>	<b>11,016</b>	<b>2,643</b>	<b>13,659</b>
25 Docks, wharves, piers, breakwaters .....	3,173	1,204	4,377	1,332	1,324	2,656	2,160	1,150	3,310
26 Retaining walls, embankments, riprapping .....	192	143	335	230	150	380	394	234	628
27 Canals and waterways .....	634	393	1,027	1,051	47	1,098	302	50	352
28 Dredging and pile driving .....	7,147	17	7,164	5,881	43	5,924	6,498	29	6,527
29 Dyke construction .....	9	—	9	47	13	60	—	1	1
30 Logging booms .....	2,725	624	3,349	2,586	890	3,476	1,454	887	2,341
31 Other marine construction .....	258	358	616	235	613	848	208	292	500

1. Actual 1955, Preliminary Actual 1956, Intentions 1957.

2. Primary Industries include Agriculture and Fishing, Forestry, Mining, Quarrying, Oil Wells, and the Construction Industry.

**TABLE 11. Primary Industries - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>22, 834</b>	<b>10, 495</b>	<b>33, 329</b>	<b>24, 315</b>	<b>10, 667</b>	<b>34, 982</b>	<b>23, 090</b>	<b>10, 985</b>	<b>34, 075</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	787	40	827	621	1, 272	1, 893	726	1, 389	2, 115
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	11, 629	4, 565	16, 194	8, 625	3, 905	12, 530	7, 672	4, 007	11, 679
34 Dirt, clay or other streets, roads, parking lots, etc. ....	9, 897	5, 820	15, 717	14, 630	5, 285	19, 915	13, 784	5, 380	19, 164
35 Grading, scraping, oiling, filling .....	232	64	296	208	191	399	715	174	889
36 Sidewalks, paths .....	30	3	33	121	11	132	152	10	162
37 Aerodromes, landing fields, runways, tarmac .....	259	3	262	110	3	113	41	25	66
<b>Waterworks and Sewage Systems .....</b>	<b>2, 616</b>	<b>472</b>	<b>3, 088</b>	<b>2, 374</b>	<b>382</b>	<b>2, 756</b>	<b>3, 102</b>	<b>426</b>	<b>3, 528</b>
38 Tile drains, drainage ditches, storm sewers .....	17	12	29	116	4	120	204	3	207
39 Water mains, hydrants and services .....	1, 290	289	1, 579	1, 511	234	1, 745	1, 789	281	2, 070
40 Sewage systems and connections .....	897	64	961	368	87	455	837	77	914
41 Pumping stations, water .....	156	31	187	259	52	311	169	62	231
42 Water storage tanks .....	256	76	332	120	5	125	103	3	106
<b>Dams and Irrigation .....</b>	<b>7, 908</b>	<b>2, 388</b>	<b>10, 296</b>	<b>9, 427</b>	<b>2, 592</b>	<b>12, 019</b>	<b>9, 782</b>	<b>2, 771</b>	<b>12, 553</b>
43 Dams and reservoirs .....	2, 747	378	3, 125	3, 535	464	3, 999	3, 607	577	4, 184
44 Irrigation and land reclamation projects .....	5, 161	2, 010	7, 171	5, 892	2, 128	8, 020	6, 175	2, 194	8, 369
<b>Electric Power Construction .....</b>	<b>3, 748</b>	<b>579</b>	<b>4, 327</b>	<b>4, 600</b>	<b>673</b>	<b>5, 273</b>	<b>5, 633</b>	<b>721</b>	<b>6, 354</b>
45 Electric power generating plants, including water conveying and controlling structures .....	589	125	714	1, 940	276	2, 216	1, 754	299	2, 053
46 Electric transformer stations .....	922	68	990	973	51	1, 024	968	36	1, 004
47 Power transmission and distribution lines, trolley wires .....	2, 226	292	2, 518	1, 518	305	1, 823	2, 807	352	3, 159
48 Street lighting .....	11	94	105	169	41	210	104	34	138
<b>Railway, Telephone and Telegraph .....</b>	<b>5, 050</b>	<b>1, 841</b>	<b>6, 891</b>	<b>7, 584</b>	<b>1, 942</b>	<b>9, 526</b>	<b>2, 145</b>	<b>2, 618</b>	<b>4, 763</b>
49 Railway tracks and roadbed .....	4, 817	1, 445	6, 262	7, 361	1, 415	8, 776	1, 862	2, 218	4, 080
50 Signals and interlockers .....	7	—	7	10	—	10	41	—	41
51 Telegraph and telephone lines, underground and marine cables .....	226	396	622	213	527	740	242	400	642
<b>Gas and Oil Facilities .....</b>	<b>164, 124</b>	<b>3, 291</b>	<b>167, 415</b>	<b>210, 163</b>	<b>4, 643</b>	<b>214, 806</b>	<b>192, 594</b>	<b>5, 280</b>	<b>197, 874</b>
52 Gas mains and services .....	21	4	25	—	149	149	—	142	142
53 Pumping stations, oil .....	82	6	88	131	38	169	150	43	193
54 Pumping stations, gas .....	—	—	—	1	—	1	10	12	22
55 Oil storage tanks .....	5, 704	76	5, 780	7, 252	51	7, 303	5, 341	64	5, 405
56 Gas storage tanks .....	6	1	7	2	1	3	1	—	1
57 Oil pipe lines .....	714	14	728	1, 867	264	2, 131	1, 890	262	2, 152
58 Gas pipe lines .....	257	81	338	1, 524	13	1, 537	1, 673	22	1, 695
59 Oil wells .....	143, 229	2, 915	146, 144	185, 032	3, 897	188, 929	165, 420	4, 470	169, 890
60 Gas wells .....	14, 109	190	14, 299	14, 262	230	14, 492	17, 702	265	17, 967
61 Oil refinery—processing units .....	—	1	1	12	—	12	86	—	86
62 Natural gas cleaning plants .....	2	3	5	80	—	80	321	—	321
<b>Other Engineering Construction .....</b>	<b>28, 662</b>	<b>9, 674</b>	<b>38, 336</b>	<b>49, 368</b>	<b>10, 256</b>	<b>59, 624</b>	<b>57, 577</b>	<b>11, 025</b>	<b>68, 602</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	1, 203	188	1, 391	769	103	872	429	102	531
64 Tunnels and subways .....	183	—	183	298	—	298	118	—	118
65 Incinerators .....	—	1	1	—	5	5	—	4	4
66 Park systems, landscaping, sodding, etc. ....	65	50	115	92	63	155	89	58	147
67 Swimming pools, tennis courts, outdoor recreation facilities .....	4	1	5	16	—	16	18	1	19
68 Mine shafts and other below surface workings .....	22, 343	2, 071	24, 414	38, 481	2, 359	40, 840	47, 686	2, 926	50, 612
69 Fences, snowsheds, signs, guard rails .....	3, 716	6, 091	9, 807	4, 230	6, 744	10, 974	4, 389	7, 018	11, 407
70 Other engineering construction .....	1, 148	1, 272	2, 420	5, 482	982	6, 464	4, 848	916	5, 764



**TABLE 12. Manufacturing**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>344, 425</b>	<b>100, 624</b>	<b>445, 049</b>	<b>476, 787</b>	<b>105, 800</b>	<b>582, 587</b>	<b>473, 601</b>	<b>103, 311</b>	<b>576, 912</b>
<b>Total Building Construction .....</b>	<b>250, 341</b>	<b>77, 064</b>	<b>327, 405</b>	<b>359, 981</b>	<b>83, 042</b>	<b>443, 023</b>	<b>355, 288</b>	<b>80, 881</b>	<b>436, 169</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1 Dwellings, single, double, duplexes and apartments .....	-	-	-	-	-	-	-	-	-
<b>Industrial .....</b>	<b>216, 624</b>	<b>74, 082</b>	<b>290, 706</b>	<b>315, 308</b>	<b>80, 442</b>	<b>395, 750</b>	<b>312, 889</b>	<b>78, 519</b>	<b>391, 408</b>
2 Factories, plants, work shops, food canneries .....	215, 080	70, 771	285, 851	313, 533	76, 400	389, 933	308, 571	74, 388	382, 959
3 Mine and mine mill buildings .....	203	31	234	-	-	-	-	-	-
4 Railway stations, offices, roadway buildings .....	44	3	47	202	58	260	647	17	664
5 Railway shops, engine houses, water and fuel stations .....	1, 297	3, 277	4, 574	1, 573	3, 984	5, 557	3, 671	4, 114	7, 785
<b>Commercial .....</b>	<b>31, 747</b>	<b>2, 451</b>	<b>34, 198</b>	<b>38, 534</b>	<b>2, 238</b>	<b>40, 772</b>	<b>39, 125</b>	<b>2, 078</b>	<b>41, 203</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	14, 270	912	15, 182	15, 088	864	15, 952	15, 840	867	16, 707
7 Grain elevators .....	305	83	388	561	45	606	144	65	209
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	281	98	379	59	83	142	79	94	173
9 Office buildings .....	15, 178	1, 127	16, 305	20, 385	971	21, 356	19, 756	768	20, 524
10 Stores, retail and wholesale .....	1, 141	110	1, 251	1, 025	222	1, 247	323	236	559
11 Garages and service stations .....	290	50	340	1, 286	20	1, 306	2, 607	28	2, 635
12 Theatres, arenas, amusement and recreational buildings .....	282	60	342	130	33	163	376	20	396
13 Laundries and dry cleaning establishments .....	-	11	11	-	-	-	-	-	-
<b>Institutional .....</b>	<b>632</b>	<b>56</b>	<b>688</b>	<b>180</b>	<b>36</b>	<b>216</b>	<b>63</b>	<b>31</b>	<b>94</b>
14 Schools and other educational buildings .....	50	1	51	104	7	111	63	1	64
15 Churches and other religious buildings .....	15	-	15	-	-	-	-	-	-
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	567	22	589	76	26	102	-	27	27
17 Other institutional buildings .....	-	33	33	-	3	3	-	3	3
<b>Other Building Construction .....</b>	<b>1, 338</b>	<b>475</b>	<b>1, 813</b>	<b>5, 959</b>	<b>326</b>	<b>6, 285</b>	<b>3, 211</b>	<b>253</b>	<b>3, 464</b>
18 Farm buildings (excluding dwellings) .....	68	19	87	89	18	107	66	24	90
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	5	5	-	-	-	9	-	9
20 Aeroplane hangars .....	5	68	73	41	41	82	2, 392	41	2, 433
21 Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22 Armouries, barracks, drill halls, etc. ....	-	-	-	-	6	6	-	6	6
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1, 264	378	1, 642	5, 829	261	6, 090	744	182	926
24 Other building construction .....	1	5	6	-	-	-	-	-	-
<b>Total Engineering Construction .....</b>	<b>94, 084</b>	<b>23, 560</b>	<b>117, 644</b>	<b>116, 806</b>	<b>22, 758</b>	<b>139, 564</b>	<b>118, 313</b>	<b>22, 430</b>	<b>140, 743</b>
<b>Marine Construction .....</b>	<b>1, 730</b>	<b>1, 625</b>	<b>3, 355</b>	<b>10, 266</b>	<b>1, 616</b>	<b>11, 882</b>	<b>9, 617</b>	<b>1, 315</b>	<b>10, 932</b>
25 Docks, wharves, piers, breakwaters .....	1, 268	1, 009	2, 277	8, 686	842	9, 528	9, 334	703	10, 037
26 Retaining walls, embankments, riprapping .....	62	72	134	144	74	218	59	6	65
27 Canals and waterways .....	-	17	17	-	2	2	-	2	2
28 Dredging and pile driving .....	340	254	594	1, 271	250	1, 521	224	229	453
29 Dyke construction .....	-	14	14	-	30	30	-	48	48
30 Logging booms .....	57	219	276	165	197	362	-	106	106
31 Other marine construction .....	3	40	43	-	221	221	-	221	221

**TABLE 12. Manufacturing - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction</b> .....	<b>3,649</b>	<b>1,794</b>	<b>5,443</b>	<b>4,425</b>	<b>1,817</b>	<b>6,242</b>	<b>2,934</b>	<b>1,418</b>	<b>4,352</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	1,530	546	2,076	2,044	704	2,748	1,170	571	1,741
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	887	576	1,463	642	733	1,375	755	519	1,274
34 Dirt, clay or other streets, roads, parking lots, etc. ....	500	521	1,021	481	280	761	409	243	652
35 Grading, scraping, oiling, filling.....	617	54	671	1,160	66	1,226	578	46	624
36 Sidewalks, paths .....	11	19	30	2	22	24	22	26	48
37 Aerodromes, landing fields, runways, tarmac .....	104	78	182	96	12	108	—	13	13
<b>Waterworks and Sewage Systems</b> .....	<b>3,271</b>	<b>530</b>	<b>3,801</b>	<b>9,829</b>	<b>734</b>	<b>10,563</b>	<b>3,944</b>	<b>749</b>	<b>4,693</b>
38 Tile drains, drainage ditches, storm sewers .....	144	42	186	844	114	958	521	128	649
39 Water mains, hydrants and services .....	1,434	177	1,611	4,002	261	4,263	2,164	419	2,583
40 Sewage systems and connections .....	992	177	1,169	1,346	195	1,541	546	96	642
41 Pumping stations, water .....	585	113	698	3,187	140	3,327	231	84	315
42 Water storage tanks .....	116	21	137	450	24	474	482	22	504
<b>Dams and Irrigation</b> .....	<b>265</b>	<b>115</b>	<b>380</b>	<b>153</b>	<b>70</b>	<b>223</b>	<b>59</b>	<b>124</b>	<b>183</b>
43 Dams and reservoirs .....	260	115	375	153	70	223	59	124	183
44 Irrigation and land reclamation projects .....	5	—	5	—	—	—	—	—	—
<b>Electric Power Construction</b> .....	<b>2,899</b>	<b>547</b>	<b>3,446</b>	<b>10,609</b>	<b>367</b>	<b>10,976</b>	<b>8,134</b>	<b>537</b>	<b>8,671</b>
45 Electric power generating plants, including water conveying and controlling structures .....	505	250	755	4,623	198	4,821	3,124	282	3,406
46 Electric transformer stations .....	664	45	709	3,567	30	3,597	3,306	94	3,400
47 Power transmission and distribution lines, trolley wires .....	1,360	217	1,577	2,398	127	2,525	1,672	142	1,814
48 Street lighting .....	370	35	405	21	12	33	32	19	51
<b>Railway, Telephone and Telegraph</b> .....	<b>1,424</b>	<b>553</b>	<b>1,977</b>	<b>1,724</b>	<b>644</b>	<b>2,368</b>	<b>968</b>	<b>512</b>	<b>1,480</b>
49 Railway tracks and roadbed .....	1,334	495	1,829	1,691	612	2,303	958	477	1,435
50 Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51 Telegraph and telephone lines, underground and marine cables .....	90	58	148	33	32	65	10	35	45
<b>Gas and Oil Facilities</b> .....	<b>79,977</b>	<b>18,118</b>	<b>98,095</b>	<b>77,554</b>	<b>17,164</b>	<b>94,718</b>	<b>90,765</b>	<b>17,459</b>	<b>108,224</b>
52 Gas mains and services .....	6	3	9	37	13	50	35	9	44
53 Pumping stations, oil .....	5	22	27	52	15	67	130	15	145
54 Pumping stations, gas.....	62	—	62	—	—	—	1	7	8
55 Oil storage tanks .....	4,485	688	5,173	3,698	142	3,840	10,412	143	10,555
56 Gas storage tanks .....	561	2	563	191	2	193	41	1	42
57 Oil pipe lines .....	3,306	101	3,407	1,043	8	1,051	61	9	70
58 Gas pipe lines .....	14	24	38	15	23	38	2	25	27
59 Oil wells .....	—	—	—	135	8	143	135	8	143
60 Gas wells .....	9	5	14	18	—	18	—	—	—
61 Oil refinery — processing units .....	69,350	17,133	86,483	58,942	16,794	75,736	66,791	16,834	83,625
62 Natural gas cleaning plants .....	2,179	140	2,319	13,423	159	13,582	13,157	408	13,565
<b>Other Engineering Construction</b> .....	<b>869</b>	<b>278</b>	<b>1,147</b>	<b>2,246</b>	<b>346</b>	<b>2,592</b>	<b>1,892</b>	<b>316</b>	<b>2,208</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	31	41	72	245	37	282	47	12	59
64 Tunnels and subways .....	15	3	18	93	3	96	—	—	—
65 Incinerators .....	62	2	64	107	1	108	385	11	396
66 Park systems, landscaping, sodding, etc. ....	65	149	214	47	239	286	80	247	327
67 Swimming pools, tennis-courts, outdoor recreation facilities ....	12	14	26	78	2	80	—	3	3
68 Mine shafts and other below surface workings .....	470	—	470	970	—	970	691	—	691
69 Fences, snowsheds, signs, guard rails .....	179	47	226	210	58	268	202	42	244
70 Other engineering construction .....	35	22	57	496	6	502	487	1	488



**TABLE 13. Utilities**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>648,860</b>	<b>257,435</b>	<b>906,295</b>	<b>1,046,198</b>	<b>292,699</b>	<b>1,338,897</b>	<b>1,464,709</b>	<b>267,997</b>	<b>1,732,706</b>
<b>Total Building Construction .....</b>	<b>64,327</b>	<b>27,458</b>	<b>91,785</b>	<b>77,207</b>	<b>34,501</b>	<b>111,708</b>	<b>88,504</b>	<b>31,814</b>	<b>120,318</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
1 Dwellings, single, double, duplexes and apartments ..	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>11,427</b>	<b>16,696</b>	<b>28,123</b>	<b>23,816</b>	<b>23,319</b>	<b>47,135</b>	<b>21,821</b>	<b>20,752</b>	<b>42,573</b>
2 Factories, plants, workshops, food canneries .....	3,577	1,261	4,838	10,357	989	11,346	8,617	1,141	9,758
3 Mine and mine mill buildings .....	4	66	70	—	—	—	—	—	—
4 Railway stations, offices, roadway buildings .....	4,852	10,699	15,551	9,000	15,125	24,125	8,083	13,037	21,120
5 Railway shops, engine houses, water and fuel stations	2,994	4,670	7,664	4,459	7,205	11,664	5,121	6,574	11,695
<b>Commercial .....</b>	<b>28,843</b>	<b>9,234</b>	<b>38,077</b>	<b>27,850</b>	<b>9,778</b>	<b>37,628</b>	<b>37,526</b>	<b>9,118</b>	<b>46,644</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	9,052	1,565	10,617	5,830	1,685	7,515	10,416	1,549	11,965
7 Grain elevators .....	9,842	5,524	15,366	11,540	5,861	17,401	15,143	5,294	20,437
8 Hotels, clubs, restaurants, cafeterias, tourist cabins	—	18	18	115	43	158	80	10	90
9 Office buildings .....	5,989	1,416	7,405	6,870	1,459	8,329	7,626	1,445	9,071
10 Stores, retail and wholesale .....	9	1	10	762	14	776	256	7	263
11 Garages and service stations .....	3,949	707	4,656	2,733	716	3,449	4,005	813	4,818
12 Theatres, arenas, amusement and recreational buildings	2	3	5	—	—	—	—	—	—
13 Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>434</b>	<b>—</b>	<b>434</b>	<b>2,327</b>	<b>—</b>	<b>2,327</b>
14 Schools and other educational buildings .....	—	—	—	215	—	215	957	—	957
15 Churches and other religious buildings .....	—	—	—	219	—	219	1,370	—	1,370
16 Hospitals, sanatoria, clinics, first-aid stations, etc.	—	—	—	—	—	—	—	—	—
17 Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other Building Construction .....</b>	<b>24,057</b>	<b>1,528</b>	<b>25,585</b>	<b>25,107</b>	<b>1,404</b>	<b>26,511</b>	<b>26,830</b>	<b>1,944</b>	<b>28,774</b>
18 Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges	22,647	931	23,578	19,155	858	20,013	20,861	1,124	21,985
20 Aeroplane hangars .....	810	134	944	1,643	173	1,816	2,758	260	3,018
21 Passenger terminals, bus, boat or air .....	372	73	445	1,033	173	1,206	585	351	936
22 Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	133	162	295	1,891	24	1,915	2,471	31	2,502
24 Other building construction .....	95	228	323	1,385	176	1,561	155	178	333
<b>Total Engineering Construction .....</b>	<b>584,533</b>	<b>229,977</b>	<b>814,510</b>	<b>968,991</b>	<b>258,198</b>	<b>1,227,189</b>	<b>1,376,205</b>	<b>236,183</b>	<b>1,612,388</b>
<b>Marine Construction .....</b>	<b>16,534</b>	<b>1,961</b>	<b>18,495</b>	<b>49,370</b>	<b>2,339</b>	<b>51,709</b>	<b>93,069</b>	<b>3,142</b>	<b>96,211</b>
25 Docks, wharves, piers, breakwaters .....	3,632	1,455	5,087	8,545	1,811	10,356	11,444	1,626	13,070
26 Retaining walls, embankments, riprapping .....	67	26	93	72	8	80	264	12	276
27 Canals and waterways .....	1,986	34	2,020	1	47	48	74	45	119
28 Dredging and pile driving .....	4,962	371	5,333	8,246	435	8,681	32,819	1,378	34,197
29 Dyke construction .....	4,164	—	4,164	11,999	—	11,999	14,575	—	14,575
30 Logging booms .....	9	41	50	29	22	51	40	13	53
31 Other marine construction .....	1,714	34	1,748	20,478	16	20,494	33,853	68	33,921



**TABLE 13. Utilities - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>5,412</b>	<b>647</b>	<b>6,059</b>	<b>4,670</b>	<b>441</b>	<b>5,111</b>	<b>3,615</b>	<b>354</b>	<b>3,969</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	575	188	763	832	161	993	2,353	159	2,512
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	89	170	259	3,122	95	3,217	910	29	939
34 Dirt, clay or other streets, roads, parking lots, etc. ....	9	109	118	476	74	550	54	55	109
35 Grading, scraping, oiling, filling .....	4,544	104	4,648	24	103	127	25	89	114
36 Sidewalks, paths .....	1	—	1	128	3	131	250	—	250
37 Aerodromes, landing fields, runways, tarmac .....	194	76	270	88	5	93	23	22	45
<b>Waterworks and Sewage Systems .....</b>	<b>45,614</b>	<b>11,992</b>	<b>57,606</b>	<b>59,331</b>	<b>12,661</b>	<b>71,992</b>	<b>88,453</b>	<b>13,159</b>	<b>101,612</b>
38 Tile drains, drainage ditches, storm sewers .....	3	3	6	2	7	9	4	7	11
39 Water mains, hydrants and services .....	38,851	11,171	50,022	47,708	11,694	59,402	68,356	12,096	80,452
40 Sewage systems and connections .....	22	12	34	827	15	842	6,084	129	6,213
41 Pumping stations, water .....	3,817	749	4,566	9,453	904	10,357	9,044	861	9,905
42 Water storage tanks .....	2,921	57	2,978	1,341	41	1,382	4,965	66	5,031
<b>Dams and Irrigation .....</b>	<b>17,996</b>	<b>801</b>	<b>18,797</b>	<b>28,564</b>	<b>1,052</b>	<b>29,616</b>	<b>22,824</b>	<b>667</b>	<b>23,491</b>
43 Dams and reservoirs .....	17,976	801	18,777	28,498	960	29,458	22,738	667	23,405
44 Irrigation and land reclamation projects .....	20	—	20	66	92	158	86	—	86
<b>Electric Power Construction .....</b>	<b>287,331</b>	<b>33,082</b>	<b>320,413</b>	<b>399,478</b>	<b>35,836</b>	<b>435,314</b>	<b>560,244</b>	<b>39,998</b>	<b>600,242</b>
45 Electric power generating plants, including water conveying and controlling structures .....	113,199	7,171	120,370	185,761	8,780	194,541	311,651	10,164	321,815
46 Electric transformer stations .....	27,458	4,149	31,607	39,856	4,346	44,202	50,201	4,791	54,992
47 Power transmission and distribution lines, trolley wires .....	144,171	20,629	164,800	171,277	21,617	192,894	195,590	23,925	219,515
48 Street lighting .....	2,503	1,133	3,636	2,584	1,093	3,677	2,802	1,118	3,920
<b>Railway, Telephone and Telegraph .....</b>	<b>136,208</b>	<b>165,718</b>	<b>301,926</b>	<b>192,864</b>	<b>183,558</b>	<b>376,422</b>	<b>224,837</b>	<b>158,388</b>	<b>383,225</b>
49 Railway tracks and roadbed .....	54,360	131,229	185,589	102,153	139,497	241,650	118,282	116,937	235,219
50 Signals and interlockers .....	1,928	4,298	6,226	3,969	6,075	10,044	4,666	5,436	10,102
51 Telegraph and telephone lines, underground and marine cables .....	79,920	30,191	110,111	86,742	37,986	124,728	101,889	36,015	137,904
<b>Gas and Oil Facilities .....</b>	<b>61,422</b>	<b>5,044</b>	<b>66,466</b>	<b>207,556</b>	<b>5,360</b>	<b>212,916</b>	<b>344,050</b>	<b>5,387</b>	<b>349,437</b>
52 Gas mains and services .....	12,861	1,524	14,385	32,015	2,103	34,118	43,853	1,785	45,638
53 Pumping stations, oil .....	3,896	927	4,823	3,454	1,136	4,590	8,247	1,294	9,541
54 Pumping stations, gas .....	373	67	440	3,129	32	3,161	5,547	38	5,585
55 Oil storage tanks .....	1,788	76	1,864	2,661	137	2,798	2,517	158	2,675
56 Gas storage tanks .....	8	26	34	3	27	30	—	33	33
57 Oil pipe lines .....	17,113	1,221	18,334	26,105	1,013	27,118	28,394	1,212	29,606
58 Gas pipe lines .....	24,961	1,123	26,084	139,758	863	140,621	239,550	805	240,355
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	258	34	292	251	20	271	760	27	787
61 Oil refinery - processing units .....	—	—	—	—	—	—	—	5	5
62 Natural gas cleaning plants .....	164	46	210	180	29	209	15,182	30	15,212
<b>Other Engineering Construction .....</b>	<b>14,016</b>	<b>10,732</b>	<b>24,748</b>	<b>27,158</b>	<b>16,951</b>	<b>44,109</b>	<b>39,113</b>	<b>15,088</b>	<b>54,201</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	11,457	8,111	19,568	23,784	13,069	36,853	35,277	11,206	46,483
64 Tunnels and subways .....	852	319	1,171	1,546	380	1,926	2,424	743	3,167
65 Incinerators .....	—	—	—	—	—	—	—	—	—
66 Park systems, landscaping, sodding, etc. ....	12	19	31	167	31	198	97	19	116
67 Swimming pools, tennis courts, outdoor recreation facilities ....	3	15	18	—	—	—	—	6	6
68 Mine shafts and other below surface workings .....	—	—	—	2	2	4	—	—	—
69 Fences, snowsheds, signs, guard rails .....	817	2,185	3,002	1,251	2,903	4,154	1,027	2,470	3,497
70 Other engineering construction .....	875	83	958	408	566	974	288	644	932

**TABLE 14. Trade Finance and Commercial Services**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>296, 914</b>	<b>55, 234</b>	<b>352, 148</b>	<b>337, 248</b>	<b>55, 140</b>	<b>392, 388</b>	<b>428, 411</b>	<b>57, 300</b>	<b>485, 711</b>
<b>Total Building Construction .....</b>	<b>271, 813</b>	<b>52, 754</b>	<b>324, 567</b>	<b>308, 740</b>	<b>52, 364</b>	<b>361, 104</b>	<b>397, 877</b>	<b>53, 008</b>	<b>450, 885</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1 Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>5, 679</b>	<b>1, 114</b>	<b>6, 793</b>	<b>14, 052</b>	<b>1, 153</b>	<b>15, 207</b>	<b>17, 041</b>	<b>984</b>	<b>18, 025</b>
2 Factories, plants, workshops, food canneries .....	5, 677	1, 110	6, 787	13, 996	1, 116	15, 112	16, 918	943	17, 861
3 Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4 Railway stations, offices, roadway buildings .....	2	4	6	49	39	88	123	41	164
5 Railway shops, engine houses, water and fuel stations .....	—	—	—	7	—	7	—	—	—
<b>Commercial .....</b>	<b>263, 550</b>	<b>51, 474</b>	<b>315, 024</b>	<b>291, 657</b>	<b>51, 033</b>	<b>342, 690</b>	<b>378, 039</b>	<b>51, 810</b>	<b>429, 849</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	34, 815	5, 234	40, 049	33, 357	5, 461	38, 818	44, 811	5, 179	49, 990
7 Grain elevators .....	—	—	—	—	64	64	—	—	—
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	16, 315	9, 351	25, 666	32, 253	9, 864	42, 117	45, 896	12, 372	58, 268
9 Office buildings .....	36, 997	6, 830	43, 827	59, 549	7, 325	66, 874	82, 766	6, 366	89, 132
10 Stores, retail and wholesale .....	142, 846	23, 004	165, 850	119, 778	20, 913	140, 691	156, 942	20, 602	177, 544
11 Garages and service stations .....	22, 204	4, 927	27, 131	34, 119	5, 482	39, 601	35, 891	5, 469	41, 360
12 Theatres, arenas, amusement and recreational buildings .....	9, 288	1, 248	10, 536	11, 462	1, 065	12, 527	11, 265	1, 015	12, 280
13 Laundries and dry cleaning establishments .....	1, 085	880	1, 965	1, 139	859	1, 998	468	807	1, 275
<b>Institutional .....</b>	<b>1, 155</b>	<b>150</b>	<b>1, 305</b>	<b>1, 874</b>	<b>156</b>	<b>2, 030</b>	<b>2, 747</b>	<b>187</b>	<b>2, 934</b>
14 Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15 Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1, 155	150	1, 305	1, 874	156	2, 030	2, 747	187	2, 934
17 Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other Building Construction .....</b>	<b>1, 429</b>	<b>16</b>	<b>1, 445</b>	<b>1, 157</b>	<b>20</b>	<b>1, 177</b>	<b>50</b>	<b>27</b>	<b>77</b>
18 Farm buildings (excluding dwellings) .....	1, 426	—	1, 426	823	—	823	50	—	50
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20 Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21 Passenger terminals, bus, boat or air .....	—	5	5	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3	6	9	90	—	90	—	—	—
24 Other building construction .....	—	5	5	244	20	264	—	27	27
<b>Total Engineering Construction .....</b>	<b>25, 101</b>	<b>2, 480</b>	<b>27, 581</b>	<b>28, 508</b>	<b>2, 776</b>	<b>31, 284</b>	<b>30, 534</b>	<b>4, 292</b>	<b>34, 826</b>
<b>Marine Construction .....</b>	<b>337</b>	<b>141</b>	<b>478</b>	<b>1, 033</b>	<b>74</b>	<b>1, 107</b>	<b>596</b>	<b>248</b>	<b>844</b>
25 Docks, wharves, piers, breakwaters .....	310	135	445	362	67	429	535	237	772
26 Retaining walls, embankments, riprapping .....	26	—	26	30	—	30	3	—	3
27 Canals and waterways .....	—	—	—	—	—	—	—	—	—
28 Dredging and pile driving .....	—	6	6	346	1	347	25	1	26
29 Dyke construction .....	1	—	1	161	2	163	33	7	40
30 Logging booms .....	—	—	—	122	—	122	—	—	—
31 Other marine construction .....	—	—	—	12	4	16	—	3	3



**TABLE 14. Trade Finance and Commercial Services - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>11,181</b>	<b>789</b>	<b>11,970</b>	<b>9,197</b>	<b>1,045</b>	<b>10,242</b>	<b>10,280</b>	<b>1,651</b>	<b>11,931</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	9,399	382	9,781	6,252	229	6,481	6,946	324	7,270
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	432	302	734	2,270	755	3,025	2,396	1,215	3,611
34 Dirt, clay or other streets, roads, parking lots, etc. ....	168	10	178	91	4	95	55	7	62
35 Grading, scraping, oiling, filling .....	1,044	76	1,120	382	55	437	592	67	659
36 Sidewalks, paths .....	138	19	157	202	2	204	291	38	329
37 Aerodromes, landing fields, runways, tarmac .....	-	-	-	-	-	-	-	-	-
<b>Waterworks and Sewage Systems .....</b>	<b>6,257</b>	<b>82</b>	<b>6,339</b>	<b>7,364</b>	<b>94</b>	<b>7,458</b>	<b>5,523</b>	<b>417</b>	<b>5,940</b>
38 Tile drains, drainage ditches, storm sewers .....	1,700	26	1,726	1,446	12	1,458	1,896	44	1,940
39 Water mains, hydrants and services .....	1,798	44	1,842	2,428	35	2,463	1,482	171	1,653
40 Sewage systems and connections .....	2,593	12	2,605	2,723	47	2,770	1,849	183	2,032
41 Pumping stations, water .....	123	-	123	761	-	761	288	16	304
42 Water storage tanks .....	43	-	43	6	-	6	8	3	11
<b>Dams and Irrigation .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>
43 Dams and reservoirs .....	-	-	-	-	-	-	-	-	-
44 Irrigation and land reclamation projects .....	-	-	-	11	-	11	-	-	-
<b>Electric Power Construction .....</b>	<b>568</b>	<b>3</b>	<b>571</b>	<b>325</b>	<b>1</b>	<b>326</b>	<b>680</b>	<b>5</b>	<b>685</b>
45 Electric power generating plants, including water conveying and controlling structures .....	-	-	-	60	1	61	-	1	1
46 Electric transformer stations .....	27	-	27	60	-	60	417	-	417
47 Power transmission and distribution lines, trolley wires .....	33	-	33	60	-	60	161	-	161
48 Street lighting .....	508	3	511	145	-	145	102	4	106
<b>Railway, Telephone and Telegraph .....</b>	<b>64</b>	<b>24</b>	<b>88</b>	<b>107</b>	<b>23</b>	<b>130</b>	<b>76</b>	<b>21</b>	<b>97</b>
49 Railway tracks and roadbed .....	64	24	88	107	21	128	71	17	88
50 Signals and interlockers .....	-	-	-	-	-	-	-	-	-
51 Telegraph and telephone lines, underground and marine cables..	-	-	-	-	2	2	5	4	9
<b>Gas and Oil Facilities .....</b>	<b>5,759</b>	<b>1,320</b>	<b>7,079</b>	<b>9,162</b>	<b>1,310</b>	<b>10,472</b>	<b>12,260</b>	<b>1,679</b>	<b>13,939</b>
52 Gas mains and services .....	8	-	8	1	-	1	-	-	-
53 Pumping stations, oil .....	9	-	9	-	-	-	27	-	27
54 Pumping stations, gas .....	253	-	253	-	-	-	-	-	-
55 Oil storage tanks .....	4,003	966	4,969	6,634	959	7,593	8,029	768	8,797
56 Gas storage tanks .....	656	354	1,010	2,255	351	2,606	3,600	896	4,496
57 Oil pipe lines .....	787	-	787	262	-	262	604	15	619
58 Gas pipe lines .....	43	-	43	10	-	10	-	-	-
59 Oil wells .....	-	-	-	-	-	-	-	-	-
60 Gas wells .....	-	-	-	-	-	-	-	-	-
61 Oil refinery - processing units .....	-	-	-	-	-	-	-	-	-
62 Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other Engineering Construction .....</b>	<b>935</b>	<b>121</b>	<b>1,056</b>	<b>1,309</b>	<b>229</b>	<b>1,538</b>	<b>1,119</b>	<b>271</b>	<b>1,390</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	25	4	29	221	1	222	21	1	22
64 Tunnels and subways .....	37	-	37	3	-	3	-	-	-
65 Incinerators .....	1	-	1	24	1	25	-	-	-
66 Park systems, landscaping, sodding, etc. ....	198	32	230	223	32	255	203	114	317
67 Swimming pools, tennis courts, outdoor recreation facilities .....	246	1	247	29	96	125	60	65	125
68 Mine shafts and other below surface workings .....	1	-	1	-	-	-	-	-	-
69 Fences, snowsheds, signs, guard rails .....	313	60	373	531	70	601	533	61	594
70 Other engineering construction .....	114	24	138	278	29	307	302	30	332



**TABLE 15. Federal Governments**  
(Thousand of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>242, 891</b>	<b>65, 059</b>	<b>307, 950</b>	<b>284, 504</b>	<b>67, 932</b>	<b>352, 436</b>	<b>253, 126</b>	<b>68, 965</b>	<b>322, 092</b>
<b>Total Building Construction .....</b>	<b>164, 376</b>	<b>39, 668</b>	<b>204, 044</b>	<b>209, 713</b>	<b>41, 493</b>	<b>251, 206</b>	<b>154, 476</b>	<b>42, 138</b>	<b>196, 614</b>
2 Factories, plants, workshops, food canneries .....	23, 920	3, 501	27, 421	26, 693	4, 079	30, 772	17, 873	4, 174	22, 047
6 Warehouses, storehouses, refrigerated storage, etc. ....	6, 862	2, 137	8, 999	5, 994	2, 211	8, 205	4, 711	2, 240	6, 951
8 Hotels, clubs, restaurants, cafeterias, tourist cabins.....	4, 121	960	5, 081	8, 292	1, 003	9, 295	4, 438	1, 022	5, 460
9 Office buildings.....	39, 259	11, 246	50, 505	53, 480	11, 578	65, 058	51, 615	11, 754	63, 369
10 Stores, retail and wholesale .....	545	32	577	4	35	39	356	33	389
11 Garages and service stations .....	3, 750	425	4, 175	5, 413	444	5, 857	5, 484	453	5, 937
12 Theatres, arenas, amusement and recreational buildings .....	555	311	866	6, 880	325	7, 205	5, 871	333	6, 204
14 Schools and other educational buildings .....	4, 908	1, 095	6, 003	7, 804	1, 144	8, 948	11, 801	1, 166	12, 967
15 Churches and other religious buildings .....	1, 170	2	1, 172	1, 295	2	1, 297	448	2	450
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1, 292	1, 672	2, 964	4, 149	1, 735	5, 884	11, 149	1, 757	12, 906
17 Other institutional buildings .....	12, 620	2, 769	15, 389	1, 064	2, 853	3, 917	2, 486	2, 891	5, 377
18 Farm buildings (excluding dwellings) .....	2, 147	233	2, 380	768	240	1, 008	1, 585	247	1, 832
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	2, 466	348	2, 814	63, 859	360	64, 219	16, 737	367	17, 104
20 Aeroplane hangars.....	4, 257	1, 552	5, 809	5, 039	1, 628	6, 667	4, 160	1, 648	5, 808
21 Passenger terminals, bus, boat or air .....	1, 191	8	1, 199	—	8	8	—	8	8
22 Armouries, barracks, drill halls, etc.....	53, 426	12, 630	66, 056	16, 131	13, 067	29, 198	12, 574	13, 254	25, 828
24 Other building construction .....	1, 887	747	2, 634	2, 848	781	3, 629	3, 188	789	3, 977
<b>Total Engineering Construction .....</b>	<b>78, 515</b>	<b>25, 391</b>	<b>103, 906</b>	<b>74, 791</b>	<b>26, 439</b>	<b>101, 230</b>	<b>98, 650</b>	<b>26, 828</b>	<b>125, 478</b>
25 Docks, wharves, piers, breakwaters.....	12, 874	3, 226	16, 100	14, 369	3, 360	17, 729	13, 243	3, 414	16, 657
26 Retaining walls, embankments, riprapping .....	1, 645	294	1, 939	3, 595	305	3, 900	1, 389	308	1, 697
27 Canals and waterways .....	506	1, 167	1, 673	989	1, 195	2, 184	991	1, 211	2, 202
28 Dredging and pile driving.....	3, 761	2, 630	6, 391	9, 298	2, 727	12, 025	11, 655	2, 762	14, 417
29 Dyke construction .....	1, 236	163	1, 399	30	171	201	7	175	182
31 Other marine construction .....	811	431	1, 242	1, 170	446	1, 616	2, 052	454	2, 506
32 Hard surfaced or paved streets, highways, parking lots, etc.....	6, 879	1, 250	8, 129	16, 730	1, 292	18, 022	14, 198	1, 312	15, 510
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	4, 643	3, 903	8, 546	1, 489	4, 084	5, 573	1, 588	4, 143	5, 731
34 Dirt, clay or other streets, roads, parking lots, etc. ....	148	415	563	36	436	472	39	443	482
35 Grading, scraping, oiling, filling .....	375	2, 180	2, 555	680	2, 282	2, 962	797	2, 313	3, 110
37 Aerodromes, landing fields, runways, tarmac .....	14, 446	486	14, 932	6, 243	502	6, 745	32, 723	513	33, 236
39 Water mains, hydrants and services .....	1, 743	815	2, 558	1, 338	851	2, 189	2, 119	862	2, 981
40 Sewage systems and connections .....	1, 150	439	1, 589	1, 309	465	1, 774	1, 813	470	2, 283
43 Dams and reservoirs .....	1, 986	803	2, 789	985	839	1, 824	1, 114	850	1, 964
44 Irrigation and land reclamation projects.....	2, 481	455	2, 936	4, 213	477	4, 690	6, 685	485	7, 170
45 Electric power generating plants, including water conveying and controlling structures .....	1, 509	287	1, 796	900	298	1, 198	1, 207	302	1, 509
46 Electric transformer stations.....	220	24	244	565	25	590	404	25	429
47 Power transmission and distribution lines, trolley wires .....	1, 391	522	1, 913	362	544	906	1, 104	548	1, 652
63 Bridges, trestles, culverts, overpasses, viaducts .....	3, 813	2, 274	6, 087	2, 143	2, 372	4, 515	395	2, 409	2, 804
66 Park systems, landscaping, sodding, etc.....	1, 314	1, 205	2, 519	338	1, 233	1, 571	310	1, 249	1, 559
69 Fences, snowsheds, signs, guard rails .....	1, 554	1, 122	2, 676	177	1, 162	1, 339	168	1, 189	1, 357
70 Other engineering construction .....	14, 030	1, 300	15, 330	7, 832	1, 373	9, 205	4, 649	1, 391	6, 040

**TABLE 16. Provincial Governments**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>286,423</b>	<b>126,854</b>	<b>413,277</b>	<b>396,126</b>	<b>121,448</b>	<b>517,574</b>	<b>408,006</b>	<b>132,962</b>	<b>540,968</b>
<b>Total Building Construction .....</b>	<b>30,081</b>	<b>9,821</b>	<b>39,902</b>	<b>49,205</b>	<b>7,525</b>	<b>56,730</b>	<b>36,784</b>	<b>6,968</b>	<b>43,752</b>
2 Factories, plants, workshops, food canneries .....	703	139	842	—	—	—	—	—	—
6 Warehouses, storehouses, refrigerated storage, etc. ....	632	170	802	1,035	587	1,622	1,070	627	1,697
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	—	—	308	16	324	203	13	216
9 Office buildings .....	11,708	3,399	15,107	28,208	4,880	33,088	14,822	4,430	19,252
11 Garages and service stations .....	660	14	674	752	42	794	671	4	675
12 Theatres, arenas, amusement and recreational buildings .....	2,722	5	2,727	—	—	—	620	5	625
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,250	—	1,250	498	—	498	—	—	—
17 Other institutional buildings .....	10,234	5,838	16,072	16,961	1,848	18,809	18,020	1,715	19,735
24 Other building construction .....	2,172	256	2,428	1,443	152	1,595	1,378	174	1,552
<b>Total Engineering Construction .....</b>	<b>256,342</b>	<b>117,033</b>	<b>373,375</b>	<b>346,921</b>	<b>113,923</b>	<b>460,844</b>	<b>371,222</b>	<b>125,994</b>	<b>497,216</b>
25 Docks, wharves, piers, breakwaters .....	340	274	614	422	581	1,003	478	573	1,051
31 Other marine construction .....	351	25	376	53	—	53	14	21	35
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	100,512	55,973	156,485	156,803	63,890	220,693	172,179	75,551	247,730
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	68,506	34,751	103,257	91,822	29,995	121,817	89,930	29,116	119,046
34 Dirt, clay or other streets, roads, parking lots, etc. ....	18,368	8,152	26,520	16,419	2,013	18,432	14,765	3,073	17,838
35 Grading, scraping, oiling, filling .....	20,838	7,568	28,406	11,686	4,321	16,007	11,710	3,912	15,622
36 Sidewalks, paths .....	724	407	1,131	34	2	36	37	3	40
38 Tile drains, drainage ditches, storm sewers .....	6,774	463	7,237	1,335	332	1,667	1,586	354	1,940
39 Water mains, hydrants and services .....	67	1	68	2,816	787	3,603	3,033	803	3,836
43 Dams and reservoirs .....	16	5	21	3,589	6	3,595	3,848	5	3,853
44 Irrigation and land reclamation projects .....	2,969	53	3,022	5,308	601	5,909	5,300	779	6,079
63 Bridges, trestles, culverts, overpasses, viaducts .....	35,448	8,506	43,954	55,037	10,697	65,734	65,748	10,927	76,675
66 Park systems, landscaping, sodding, etc. ....	222	556	778	653	649	1,302	1,556	787	2,343
69 Fences, snowsheds, signs, guard rails .....	649	205	854	635	16	651	716	24	740
70 Other engineering construction .....	558	94	652	309	33	342	322	66	388

**TABLE 17. Municipal Governments**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction</b> .....	<b>196,607</b>	<b>50,744</b>	<b>247,351</b>	<b>255,164</b>	<b>73,553</b>	<b>328,717</b>	<b>329,453</b>	<b>75,220</b>	<b>404,673</b>
<b>Total Building Construction</b> .....	<b>26,466</b>	<b>6,477</b>	<b>32,943</b>	<b>35,343</b>	<b>7,545</b>	<b>42,888</b>	<b>55,783</b>	<b>7,430</b>	<b>63,213</b>
2 Factories, plants, workshops, food canneries .....	1,384	283	1,667	2,627	514	3,141	3,632	625	4,257
6 Warehouses, storehouses, refrigerated storage, etc.....	399	21	420	536	11	547	684	11	695
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,530	—	1,530	2,151	—	2,151	2,746	—	2,746
9 Office buildings .....	6,831	1,122	7,953	9,487	2,075	11,562	14,813	2,122	16,935
11 Garages and service stations .....	1,788	161	1,949	4,111	226	4,337	8,504	349	8,853
12 Theatres, arenas, amusement and recreational buildings .....	4,450	727	5,177	5,015	724	5,739	9,634	436	10,070
16 Hospitals, sanatoria, clinics, first-aid stations, etc.....	237	59	296	202	170	372	519	194	713
17 Other institutional buildings .....	8,897	2,111	11,008	7,025	1,567	8,592	10,864	1,484	12,348
18 Farm buildings (excluding dwellings) .....	148	—	148	208	—	208	266	—	266
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	213	—	213	299	—	299	382	—	382
24 Other building construction.....	589	1,993	2,582	3,682	2,258	5,940	3,739	2,209	5,948
<b>Total Engineering Construction</b> .....	<b>170,141</b>	<b>44,267</b>	<b>214,408</b>	<b>219,821</b>	<b>66,008</b>	<b>285,829</b>	<b>273,670</b>	<b>67,790</b>	<b>341,460</b>
25 Docks, wharves, piers, breakwaters .....	519	142	661	872	46	918	1,031	75	1,106
31 Other marine construction .....	6,163	459	6,622	8,664	469	9,133	11,063	469	11,532
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	48,311	11,425	59,736	62,122	14,889	77,011	62,836	15,313	78,149
33 Gravel or stone streets, highways, roads, parking lots, etc.....	12,360	10,156	22,516	17,922	20,863	38,785	21,224	21,173	42,397
34 Dirt, clay or other streets, roads, parking lots, etc.....	5,670	5,727	11,397	7,916	6,870	14,786	7,574	6,641	14,215
35 Grading, scraping, oiling, filling .....	949	1,241	2,190	13	478	491	16	478	494
36 Sidewalks, paths .....	12,908	2,594	15,502	14,865	2,570	17,435	15,726	2,677	18,403
37 Aerodromes, landing fields, runways, tarmac.....	270	6	276	380	3	383	485	3	488
38 Tile drains, drainage ditches, storm sewers .....	15,403	1,733	17,136	3,499	3,047	6,546	2,771	3,245	6,016
40 Sewage systems and connections.....	43,203	4,602	47,805	78,091	6,245	84,336	106,295	6,559	112,854
43 Dams and reservoirs .....	672	36	708	945	37	982	1,206	37	1,243
48 Street lighting .....	3,139	1,657	4,796	3,113	3,180	6,293	3,785	3,160	6,945
63 Bridges, trestles, culverts, overpasses, viaducts.....	14,148	1,313	15,461	13,686	2,371	16,057	25,861	2,422	28,283
64 Tunnels and subways.....	976	74	1,050	1,808	105	1,913	4,749	128	4,877
65 Incinerators .....	270	1,249	1,519	484	397	881	2,298	334	2,632
66 Park systems, landscaping, sodding, etc. ....	1,235	751	1,986	1,736	573	2,309	2,217	573	2,790
67 Swimming pools, tennis courts, outdoor recreation facilities ....	572	472	1,044	804	481	1,285	1,027	481	1,508
69 Fences, snowsheds, signs, guard rails.....	317	476	793	285	109	394	364	109	473
70 Other engineering construction.....	3,056	154	3,210	2,616	3,275	5,891	3,142	3,913	7,055

**TABLE 18. Housing and Institutional Services**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Housing:</b>									
1 Dwellings, single, double, duplexes and apart- ments .....	1,499,300	238,000	1,737,300	1,574,900	255,500	1,830,400	1,283,000	272,800	1,555,800
<b>Institutions:</b>									
<b>Total Value of Work Performed</b> .....	<b>366,961</b>	<b>42,152</b>	<b>409,113</b>	<b>359,840</b>	<b>42,558</b>	<b>402,398</b>	<b>421,236</b>	<b>41,867</b>	<b>463,103</b>
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	—	—	247	5	252	311	9	320
9 Office buildings .....	78	—	78	2	11	13	—	2	2
12 Theatres, arenas, amusement and recreational buildings .....	156	1	157	1,529	15	1,544	949	29	978
14 Schools and other educational buildings .....	194,887	20,883	215,770	207,293	21,784	229,077	221,439	21,886	243,325
15 Churches and other religious buildings .....	31,406	7,942	39,348	30,614	6,474	37,088	35,270	6,844	42,114
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	128,344	11,486	139,830	107,418	12,758	120,176	137,257	12,296	149,553
17 Other institutional buildings .....	10,890	1,409	12,299	10,403	1,063	11,466	22,532	504	23,036
18 Farm buildings (excluding dwellings).....	59	19	78	84	6	90	163	7	170
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	372	172	544	1,378	105	1,483	2,596	72	2,668
24 Other building construction .....	164	4	168	191	31	222	56	3	59
<b>All Engineering Construction</b> .....	<b>605</b>	<b>236</b>	<b>841</b>	<b>681</b>	<b>306</b>	<b>987</b>	<b>663</b>	<b>215</b>	<b>878</b>



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1955-1957<sup>1</sup>

TABLE 19. Newfoundland

(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction.....</b>	<b>63,243</b>	<b>14,416</b>	<b>77,659</b>	<b>64,290</b>	<b>16,540</b>	<b>80,830</b>	<b>77,176</b>	<b>17,091</b>	<b>94,267</b>
<b>Total Building Construction.....</b>	<b>36,601</b>	<b>7,122</b>	<b>43,723</b>	<b>41,003</b>	<b>8,867</b>	<b>49,870</b>	<b>45,619</b>	<b>9,463</b>	<b>55,082</b>
Residential .....	17,400	2,500	19,900	18,900	3,100	22,000	17,000	3,500	20,500
Industrial.....	5,596	1,387	6,983	4,572	2,225	6,797	7,504	2,373	9,877
Commercial .....	4,664	1,301	5,965	7,391	1,084	8,475	8,879	1,026	9,905
Institutional .....	3,858	1,416	5,274	7,130	1,990	9,120	9,843	2,071	11,914
Other Building Construction.....	5,083	518	5,601	3,010	468	3,478	2,393	493	2,886
<b>Total Engineering Construction.....</b>	<b>26,642</b>	<b>7,294</b>	<b>33,936</b>	<b>23,287</b>	<b>7,673</b>	<b>30,960</b>	<b>31,557</b>	<b>7,628</b>	<b>39,185</b>
Marine Construction.....	3,379	949	4,328	5,009	969	5,978	4,713	826	5,539
Road, Highway and Aerodrome Construction .....	11,038	3,830	14,868	9,251	3,995	13,246	8,932	4,018	12,950
Waterworks and Sewage Systems .....	798	405	1,203	913	453	1,366	1,169	489	1,658
Dams and Irrigation .....	439	189	628	83	100	183	522	46	568
Electric Power Construction .....	5,464	676	6,140	4,347	621	4,968	4,421	640	5,061
Railway, Telephone and Telegraph.....	2,239	966	3,205	748	1,276	2,024	8,704	1,196	9,900
Gas and Oil Facilities .....	1,002	62	1,064	897	69	966	1,322	183	1,505
Other Engineering Construction.....	2,283	217	2,500	2,039	190	2,229	1,774	230	2,004

TABLE 20. Prince Edward Island

(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction.....</b>	<b>12,636</b>	<b>4,543</b>	<b>17,179</b>	<b>12,732</b>	<b>4,440</b>	<b>17,172</b>	<b>12,489</b>	<b>4,209</b>	<b>16,698</b>
<b>Total Building Construction.....</b>	<b>7,330</b>	<b>1,886</b>	<b>9,216</b>	<b>5,524</b>	<b>1,755</b>	<b>7,279</b>	<b>6,596</b>	<b>1,763</b>	<b>8,359</b>
Residential .....	2,300	500	2,800	1,600	300	1,900	1,300	300	1,600
Industrial.....	159	199	358	80	230	310	56	208	264
Commercial .....	2,833	288	3,121	1,818	218	2,036	1,607	235	1,842
Institutional .....	1,188	199	1,387	1,074	257	1,331	1,923	248	2,171
Other Building Construction.....	850	700	1,550	952	750	1,702	1,710	772	2,482
<b>Total Engineering Construction.....</b>	<b>5,306</b>	<b>2,657</b>	<b>7,963</b>	<b>7,208</b>	<b>2,685</b>	<b>9,893</b>	<b>5,893</b>	<b>2,446</b>	<b>8,339</b>
Marine Construction.....	454	483	937	1,194	508	1,702	1,102	514	1,616
Road, Highway and Aerodrome Construction .....	3,201	1,177	4,378	3,213	1,054	4,267	3,560	1,041	4,601
Waterworks and Sewage Systems .....	64	98	162	80	72	152	27	72	99
Dams and Irrigation .....	159	25	184	52	27	79	54	28	82
Electric Power Construction .....	511	167	678	1,438	117	1,555	325	136	461
Railway, Telephone and Telegraph.....	234	473	807	688	692	1,380	398	453	851
Gas and Oil Facilities .....	219	3	222	34	1	35	13	2	15
Other Engineering Construction.....	364	231	595	509	214	723	414	200	614

1. Actual 1955, Preliminary 1956, Intentions 1957.

**TABLE 21. Nova Scotia**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>105, 113</b>	<b>37, 115</b>	<b>142, 228</b>	<b>112, 152</b>	<b>35, 613</b>	<b>147, 765</b>	<b>106, 505</b>	<b>36, 582</b>	<b>143, 087</b>
<b>Total Building Construction .....</b>	<b>60, 703</b>	<b>16, 799</b>	<b>77, 502</b>	<b>61, 667</b>	<b>17, 218</b>	<b>78, 885</b>	<b>62, 164</b>	<b>18, 062</b>	<b>80, 226</b>
<b>Residential .....</b>	<b>31, 800</b>	<b>4, 900</b>	<b>36, 700</b>	<b>30, 000</b>	<b>4, 900</b>	<b>34, 900</b>	<b>25, 600</b>	<b>5, 500</b>	<b>31, 100</b>
1 Dwellings, single, double, duplexes and apartments .....	31, 800	4, 900	36, 700	30, 000	4, 900	34, 900	25, 600	5, 500	31, 100
<b>Industrial .....</b>	<b>2, 050</b>	<b>4, 957</b>	<b>7, 007</b>	<b>3, 583</b>	<b>5, 255</b>	<b>8, 838</b>	<b>6, 289</b>	<b>5, 511</b>	<b>11, 800</b>
2 Factories, plants, workshops, food canneries .....	1, 594	4, 425	6, 019	1, 965	4, 443	6, 408	3, 444	4, 725	8, 169
3 Mine and mine mill buildings .....	236	95	331	1, 224	103	1, 327	2, 502	207	2, 709
4 Railway stations, offices, roadway buildings .....	132	285	417	237	440	677	206	343	549
5 Railway shops, engine houses, water and fuel stations .....	88	152	240	157	269	426	137	236	373
<b>Commercial .....</b>	<b>10, 383</b>	<b>2, 948</b>	<b>13, 331</b>	<b>11, 610</b>	<b>3, 035</b>	<b>14, 645</b>	<b>15, 044</b>	<b>3, 003</b>	<b>18, 047</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	2, 025	712	2, 737	2, 246	746	2, 992	1, 484	662	2, 146
7 Grain elevators .....	70	49	119	58	46	104	733	5	738
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	153	191	344	166	175	341	304	177	481
9 Office buildings .....	2, 525	1, 027	3, 552	5, 111	1, 237	6, 348	6, 733	1, 234	7, 967
10 Stores, retail and wholesale .....	4, 005	697	4, 702	3, 292	609	3, 901	4, 494	643	5, 137
11 Garages and service stations .....	1, 077	118	1, 195	732	132	864	1, 181	186	1, 367
12 Theatres, arenas, amusement and recreational buildings .....	340	144	484	5	77	82	115	69	184
13 Laundries and drycleaning establishments .....	188	10	198	—	13	13	—	27	27
<b>Institutional .....</b>	<b>8, 767</b>	<b>1, 488</b>	<b>10, 255</b>	<b>10, 291</b>	<b>1, 441</b>	<b>11, 732</b>	<b>10, 978</b>	<b>1, 406</b>	<b>12, 384</b>
14 Schools and other educational buildings .....	5, 743	600	6, 343	6, 382	665	7, 047	5, 426	678	6, 104
15 Churches and other religious buildings .....	235	476	711	597	375	972	3, 221	333	3, 554
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2, 097	297	2, 394	3, 215	297	3, 512	2, 267	305	2, 572
17 Other institutional buildings .....	692	115	807	97	104	201	64	90	154
<b>Other Building Construction .....</b>	<b>7, 703</b>	<b>2, 506</b>	<b>10, 209</b>	<b>6, 183</b>	<b>2, 587</b>	<b>8, 770</b>	<b>4, 253</b>	<b>2, 642</b>	<b>6, 895</b>
18 Farm Buildings (excluding dwellings) .....	1, 515	1, 066	2, 581	1, 527	1, 071	2, 598	1, 627	1, 103	2, 730
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2, 088	82	2, 170	1, 832	82	1, 914	513	91	604
20 Aeroplane hangars .....	1, 057	94	1, 151	264	98	362	26	99	125
21 Passenger terminals, bus, boat or air .....	—	—	—	7	19	26	1	8	9
22 Armouries, barracks, drill halls, etc. ....	2, 546	778	3, 324	2, 059	816	2, 875	966	829	1, 795
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	239	165	404	241	163	404	253	170	423
24 Other building construction .....	258	321	579	253	338	591	867	342	1, 209
<b>Total Engineering Construction .....</b>	<b>44, 410</b>	<b>20, 316</b>	<b>64, 726</b>	<b>50, 485</b>	<b>18, 395</b>	<b>68, 880</b>	<b>44, 341</b>	<b>18, 520</b>	<b>62, 861</b>
<b>Marine Construction .....</b>	<b>6, 608</b>	<b>1, 541</b>	<b>8, 149</b>	<b>6, 591</b>	<b>1, 551</b>	<b>8, 142</b>	<b>5, 556</b>	<b>1, 436</b>	<b>6, 992</b>
25 Docks, wharves, piers, breakwaters .....	4, 679	1, 214	5, 893	5, 125	1, 052	6, 177	4, 968	947	5, 915
26 Retaining walls, embankments, riprapping .....	307	46	353	571	49	620	20	49	69
27 Canals and waterways .....	—	10	10	1	11	12	—	11	11
28 Dredging and pile driving .....	343	71	414	753	90	843	487	75	562
29 Dyke construction .....	895	84	979	—	88	88	—	90	90
30 Logging booms .....	63	18	81	77	24	101	68	25	93
31 Other marine construction .....	321	98	419	64	237	301	13	239	252

**TABLE 21. Nova Scotia — Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>10, 631</b>	<b>8, 755</b>	<b>19, 386</b>	<b>14, 496</b>	<b>5, 079</b>	<b>19, 575</b>	<b>15, 682</b>	<b>6, 099</b>	<b>21, 781</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	8, 025	1, 833	9, 858	11, 399	4, 217	15, 616	12, 302	5, 219	17, 521
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	899	6, 314	7, 213	516	419	935	283	419	702
34 Dirt, clay or other streets, roads, parking lots, etc. ....	304	501	805	792	332	1, 124	443	346	789
35 Grading, scraping, oiling, filling .....	74	44	118	97	45	142	28	46	74
36 Sidewalks, paths .....	511	33	544	741	35	776	592	38	630
37 Aerodromes, landing fields, runways, tarmac .....	818	30	848	951	31	982	2, 034	31	2, 065
<b>Waterworks and Sewage Systems .....</b>	<b>1, 544</b>	<b>468</b>	<b>2, 012</b>	<b>1, 342</b>	<b>473</b>	<b>1, 815</b>	<b>2, 787</b>	<b>525</b>	<b>3, 312</b>
38 Tile drains, drainage ditches, storm sewers .....	115	39	154	1	36	37	2	40	42
39 Water mains, hydrants and services .....	793	319	1, 112	580	304	884	1, 600	300	1, 900
40 Sewage systems and connections .....	514	76	590	760	98	858	1, 103	151	1, 254
41 Pumping stations, water .....	73	31	104	1	32	33	49	26	75
42 Water storage tanks .....	49	3	52	—	3	3	33	8	41
<b>Dams and Irrigation .....</b>	<b>167</b>	<b>102</b>	<b>269</b>	<b>527</b>	<b>145</b>	<b>672</b>	<b>1, 313</b>	<b>158</b>	<b>1, 471</b>
43 Dams and reservoirs .....	65	53	118	411	95	506	399	106	505
44 Irrigation and land reclamation projects .....	102	49	151	116	50	166	914	52	966
<b>Electric Power Construction .....</b>	<b>4, 411</b>	<b>966</b>	<b>5, 377</b>	<b>4, 710</b>	<b>1, 289</b>	<b>5, 999</b>	<b>6, 694</b>	<b>1, 271</b>	<b>7, 965</b>
45 Electric power generating plants, including water conveying and controlling structures .....	1, 574	186	1, 760	1, 476	178	1, 654	3, 097	241	3, 338
46 Electric transformer stations .....	87	27	114	263	31	294	397	38	435
47 Power transmission and distribution lines, trolley wires .....	2, 714	667	3, 381	2, 900	915	3, 815	3, 122	815	3, 937
48 Street lighting .....	36	86	122	71	165	236	78	177	255
<b>Railway, Telephone and Telegraph .....</b>	<b>4, 223</b>	<b>4, 929</b>	<b>9, 152</b>	<b>4, 887</b>	<b>6, 124</b>	<b>11, 011</b>	<b>4, 042</b>	<b>4, 987</b>	<b>9, 029</b>
49 Railway tracks and roadbed .....	1, 910	3, 964	5, 874	2, 511	4, 787	7, 298	2, 171	3, 749	5, 920
50 Signals and interlockers .....	39	79	118	87	158	245	81	127	208
51 Telegraph and telephone lines, underground and marine cables .....	2, 274	886	3, 160	2, 289	1, 179	3, 468	1, 790	1, 111	2, 901
<b>Gas and Oil Facilities .....</b>	<b>12, 852</b>	<b>1, 001</b>	<b>13, 853</b>	<b>12, 288</b>	<b>496</b>	<b>12, 784</b>	<b>3, 220</b>	<b>531</b>	<b>3, 751</b>
52 Gas mains and services .....	—	—	—	—	—	—	—	—	—
53 Pumping stations, oil .....	9	—	9	—	—	—	—	—	—
54 Pumping stations, gas .....	237	—	237	—	—	—	—	—	—
55 Oil storage tanks .....	50	22	72	87	11	98	32	28	60
56 Gas storage tanks .....	—	—	—	44	—	44	1, 038	31	1, 069
57 Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58 Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59 Oil wells .....	—	—	—	—	—	—	—	—	—
60 Gas wells .....	—	—	—	—	—	—	—	—	—
61 Oil refinery—processing units .....	12, 556	979	13, 535	12, 157	485	12, 642	2, 150	472	2, 622
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>3, 974</b>	<b>2, 554</b>	<b>6, 528</b>	<b>5, 644</b>	<b>3, 238</b>	<b>8, 882</b>	<b>5, 047</b>	<b>3, 513</b>	<b>8, 560</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	3, 107	1, 867	4, 974	3, 291	2, 399	5, 690	3, 234	2, 374	5, 608
64 Tunnels and subways .....	9	12	21	12	10	22	2	14	16
65 Incinerators .....	1	13	14	94	13	107	966	14	980
66 Park systems, landscaping, sodding, etc. ....	117	84	201	2	90	92	2	94	96
67 Swimming pools, tennis courts, outdoor recreation facilities ....	2	9	11	—	9	9	32	10	42
68 Mine shafts and other below surface workings .....	311	243	554	355	352	707	199	652	851
69 Fences, snowsheds, signs, guard rails .....	185	253	438	127	286	413	154	273	427
70 Other engineering construction .....	242	73	315	1, 763	79	1, 842	458	82	540



**TABLE 22. New Brunswick**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>121,940</b>	<b>32,089</b>	<b>154,029</b>	<b>128,637</b>	<b>38,525</b>	<b>167,162</b>	<b>121,283</b>	<b>38,252</b>	<b>159,535</b>
<b>Total Building Construction .....</b>	<b>71,713</b>	<b>12,622</b>	<b>84,335</b>	<b>69,861</b>	<b>12,677</b>	<b>82,538</b>	<b>70,609</b>	<b>15,104</b>	<b>85,713</b>
<b>Residential .....</b>	<b>33,100</b>	<b>4,800</b>	<b>37,900</b>	<b>31,500</b>	<b>5,100</b>	<b>36,600</b>	<b>35,700</b>	<b>7,600</b>	<b>43,300</b>
1 Dwellings, single, double, duplexes and apartments .....	33,100	4,800	37,900	31,500	5,100	36,600	35,700	7,600	43,300
<b>Industrial .....</b>	<b>3,551</b>	<b>2,861</b>	<b>6,412</b>	<b>5,465</b>	<b>2,607</b>	<b>8,072</b>	<b>4,404</b>	<b>2,217</b>	<b>6,621</b>
2 Factories, plants, workshops, food canneries .....	2,920	1,801	4,721	2,919	1,185	4,104	3,594	987	4,581
3 Mine and mine mill buildings .....	189	41	230	1,894	19	1,913	177	10	187
4 Railway stations, offices, roadway buildings .....	238	558	796	371	781	1,152	317	651	968
5 Railway shops, engine houses, water and fuel stations .....	204	461	665	281	622	903	316	569	885
<b>Commercial .....</b>	<b>11,536</b>	<b>2,130</b>	<b>13,666</b>	<b>15,811</b>	<b>2,024</b>	<b>17,835</b>	<b>11,127</b>	<b>2,106</b>	<b>13,233</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	3,015	407	3,422	2,465	422	2,887	1,495	343	1,838
7 Grain elevators .....	3	114	117	22	48	70	175	37	212
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,189	257	1,446	1,360	56	1,416	113	243	356
9 Office buildings .....	2,050	637	2,687	2,287	767	3,054	3,054	706	3,760
10 Stores, retail and wholesale .....	3,704	503	4,207	2,345	531	2,876	3,704	521	4,225
11 Garages and service stations .....	1,238	93	1,331	5,490	161	5,651	1,859	197	2,056
12 Theatres, arenas, amusement and recreational buildings .....	291	85	376	1,835	23	1,858	727	32	759
13 Laundries and dry cleaning establishments .....	46	34	80	7	16	23	—	27	27
<b>Institutional .....</b>	<b>8,950</b>	<b>1,023</b>	<b>9,973</b>	<b>9,718</b>	<b>1,066</b>	<b>10,784</b>	<b>14,277</b>	<b>1,286</b>	<b>15,563</b>
14 Schools and other educational buildings .....	3,675	305	3,980	4,652	416	5,068	5,312	455	5,767
15 Churches and other religious buildings .....	1,298	188	1,486	635	97	732	659	112	771
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,318	374	3,692	4,111	409	4,520	7,610	549	8,159
17 Other institutional buildings .....	659	156	815	320	144	464	696	170	866
<b>Other Building Construction .....</b>	<b>14,576</b>	<b>1,808</b>	<b>16,384</b>	<b>7,367</b>	<b>1,880</b>	<b>9,247</b>	<b>5,101</b>	<b>1,895</b>	<b>6,996</b>
18 Farm buildings, (excluding dwellings) .....	1,481	959	2,440	1,456	988	2,444	1,557	1,018	2,575
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,053	92	2,145	1,564	75	1,639	1,698	69	1,767
20 Aeroplane hangars .....	414	255	669	45	267	312	29	272	301
21 Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22 Armouries, barracks, drill halls, etc. ....	10,213	198	10,411	3,441	207	3,648	1,377	210	1,587
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	396	295	691	570	289	859	382	304	686
24 Other building construction .....	19	9	28	291	54	345	58	22	80
<b>Total Engineering Construction .....</b>	<b>50,227</b>	<b>19,467</b>	<b>69,694</b>	<b>58,776</b>	<b>25,848</b>	<b>84,624</b>	<b>50,674</b>	<b>23,148</b>	<b>73,822</b>
<b>Marine Construction .....</b>	<b>884</b>	<b>2,259</b>	<b>3,143</b>	<b>4,696</b>	<b>2,631</b>	<b>7,327</b>	<b>3,821</b>	<b>2,621</b>	<b>6,442</b>
25 Docks, wharves, piers, breakwaters .....	312	1,281	1,593	3,141	1,612	4,753	2,572	1,631	4,203
26 Retaining walls, embankments, riprapping .....	7	10	17	569	12	581	—	2	2
27 Canals, and waterways .....	—	7	7	—	—	—	—	—	—
28 Dredging and pile driving .....	15	765	780	748	813	1,561	1,046	781	1,827
29 Dyke construction .....	331	74	405	8	66	74	7	72	79
30 Logging booms .....	152	43	195	168	54	222	148	63	211
31 Other marine construction .....	67	79	146	62	74	136	48	72	120

**TABLE 22. New Brunswick — Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>14, 173</b>	<b>6, 534</b>	<b>20, 707</b>	<b>13, 693</b>	<b>10, 514</b>	<b>24, 207</b>	<b>13, 756</b>	<b>9, 498</b>	<b>23, 254</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	8, 901	244	9, 145	11, 270	9, 465	20, 735	10, 280	8, 429	18, 709
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	3, 392	5, 667	9, 059	1, 265	637	1, 902	680	607	1, 287
34 Dirt, clay or other streets, roads, parking lots, etc. ....	1, 169	560	1, 729	852	397	1, 249	1, 156	430	1, 586
35 Grading, scraping, ooling, filling .....	—	3	3	40	4	44	489	3	492
36 Sidewalks, paths .....	149	60	209	138	11	149	123	29	152
37 Aerodromes, landing fields, runways, tarmac .....	562	—	562	128	—	128	1, 028	—	1, 028
<b>Waterworks and Sewage Systems .....</b>	<b>1, 396</b>	<b>553</b>	<b>1, 949</b>	<b>1, 673</b>	<b>602</b>	<b>2, 275</b>	<b>1, 437</b>	<b>698</b>	<b>2, 135</b>
38 Tile drains, drainage ditches, storm sewers .....	54	4	58	272	13	285	233	12	245
39 Water mains, hydrants and services .....	668	489	1, 157	683	470	1, 153	669	568	1, 237
40 Sewage systems and connections .....	638	53	691	686	103	789	534	113	647
41 Pumping stations, water .....	36	5	41	1	15	16	1	5	6
42 Water storage tanks .....	—	2	2	31	1	32	—	—	—
<b>Dams and Irrigation .....</b>	<b>5, 911</b>	<b>91</b>	<b>6, 002</b>	<b>555</b>	<b>90</b>	<b>645</b>	<b>861</b>	<b>98</b>	<b>959</b>
43 Dams and reservoirs .....	5, 817	47	5, 864	313	47	360	108	53	161
44 Irrigation and land reclamation projects .....	94	44	138	242	43	285	753	45	798
<b>Electric Power Construction .....</b>	<b>9, 499</b>	<b>826</b>	<b>10, 325</b>	<b>22, 482</b>	<b>616</b>	<b>23, 098</b>	<b>16, 624</b>	<b>600</b>	<b>17, 224</b>
45 Electric power generating plants, including water conveying and controlling structures .....	5, 611	219	5, 830	13, 488	303	13, 791	10, 956	281	11, 237
46 Electric transformer stations .....	886	8	894	1, 472	28	1, 500	872	26	898
47 Power transmission and distribution lines, trolley wires .....	2, 930	591	3, 521	7, 490	268	7, 758	4, 755	276	5, 031
48 Street lighting .....	72	8	80	32	17	49	41	17	58
<b>Railway, Telephone and Telegraph .....</b>	<b>6, 324</b>	<b>7, 448</b>	<b>13, 772</b>	<b>6, 942</b>	<b>9, 190</b>	<b>16, 132</b>	<b>6, 694</b>	<b>7, 470</b>	<b>14, 164</b>
49 Railway tracks and roadbed .....	3, 320	6, 315	9, 635	4, 079	7, 379	11, 458	3, 473	6, 085	9, 558
50 Signals and interlockers .....	60	231	291	141	322	463	129	279	408
51 Telegraph and telephone lines, underground and marine cables .....	2, 944	902	3, 846	2, 722	1, 489	4, 211	3, 092	1, 106	4, 198
<b>Gas and Oil Facilities .....</b>	<b>56</b>	<b>28</b>	<b>84</b>	<b>616</b>	<b>29</b>	<b>645</b>	<b>324</b>	<b>93</b>	<b>417</b>
52 Gas mains and services .....	—	9	9	—	8	8	—	9	9
53 Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54 Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55 Oil storage tanks .....	—	19	19	409	12	421	89	8	97
56 Gas storage tanks .....	9	—	9	167	3	170	210	70	280
57 Oil pipe lines .....	29	—	29	—	—	—	—	—	—
58 Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59 Oil wells .....	—	—	—	20	—	20	—	—	—
60 Gas wells .....	18	—	18	20	6	26	25	6	31
61 Oil refinery—processing units .....	—	—	—	—	—	—	—	—	—
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>11, 984</b>	<b>1, 728</b>	<b>13, 712</b>	<b>8, 119</b>	<b>2, 176</b>	<b>10, 295</b>	<b>7, 157</b>	<b>2, 070</b>	<b>9, 227</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	1, 334	1, 360	2, 694	2, 786	1, 727	4, 513	5, 046	1, 594	6, 640
64 Tunnels and subways .....	7	12	19	4	22	26	4	42	46
65 Incinerators .....	—	32	32	—	20	20	—	10	10
66 Park systems, landscaping, sodding, etc. ....	36	54	90	25	50	75	20	53	73
67 Swimming pools, tennis courts, outdoor recreation facilities ....	20	—	20	—	—	—	63	15	78
68 Mine shafts and other below surface workings .....	774	41	815	1, 756	—	1, 756	984	12	996
69 Fences, snowsheds, signs, guard rails .....	309	229	538	197	307	504	198	285	483
70 Other engineering construction .....	9, 504	—	9, 504	3, 351	50	3, 401	842	59	901

**TABLE 23. Quebec**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>1, 062, 576</b>	<b>244, 017</b>	<b>1, 306, 593</b>	<b>1, 263, 057</b>	<b>267, 222</b>	<b>1, 530, 279</b>	<b>1, 307, 836</b>	<b>263, 007</b>	<b>1, 570, 843</b>
<b>Total Building Construction .....</b>	<b>717, 964</b>	<b>151, 109</b>	<b>869, 073</b>	<b>855, 195</b>	<b>166, 225</b>	<b>1, 021, 420</b>	<b>734, 513</b>	<b>159, 523</b>	<b>894, 036</b>
<b>Residential .....</b>	<b>399, 300</b>	<b>66, 300</b>	<b>465, 600</b>	<b>472, 400</b>	<b>76, 600</b>	<b>549, 000</b>	<b>336, 100</b>	<b>71, 500</b>	<b>407, 600</b>
1 Dwellings, single, double, duplexes and apartments .....	399, 300	66, 300	465, 600	472, 400	76, 600	549, 000	336, 100	71, 500	407, 600
<b>Industrial .....</b>	<b>72, 859</b>	<b>28, 012</b>	<b>100, 871</b>	<b>104, 205</b>	<b>30, 345</b>	<b>134, 550</b>	<b>106, 450</b>	<b>30, 380</b>	<b>136, 830</b>
2 Factories, plants, workshops, food canneries .....	65, 165	21, 672	86, 837	90, 308	22, 777	113, 085	89, 838	23, 151	112, 989
3 Mine and mine mill buildings .....	5, 019	2, 129	7, 148	11, 019	2, 570	13, 589	12, 883	2, 578	15, 461
4 Railway stations, offices, roadway buildings .....	1, 222	2, 310	3, 532	1, 351	2, 245	3, 596	1, 091	1, 928	3, 019
5 Railway shops, engine houses, water and fuel stations .....	1, 453	1, 901	3, 354	1, 527	2, 753	4, 280	2, 638	2, 723	5, 361
<b>Commercial .....</b>	<b>86, 565</b>	<b>18, 269</b>	<b>104, 834</b>	<b>130, 599</b>	<b>21, 690</b>	<b>152, 289</b>	<b>144, 610</b>	<b>20, 616</b>	<b>165, 226</b>
6 Warehouses, storehouses, refrigerated storage, etc .....	14, 946	2, 588	17, 534	15, 079	3, 078	18, 157	18, 494	3, 074	21, 568
7 Grain elevators .....	427	452	879	1, 910	441	2, 351	7, 970	690	8, 660
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7, 355	2, 305	9, 660	12, 955	2, 412	15, 367	15, 563	2, 469	18, 032
9 Office buildings .....	25, 229	5, 276	30, 505	54, 505	7, 965	62, 470	46, 543	6, 879	53, 422
10 Stores, retail and wholesale .....	25, 934	5, 006	30, 940	26, 609	5, 095	31, 704	32, 888	4, 974	37, 862
11 Garages and service stations .....	8, 117	1, 788	9, 905	12, 721	1, 790	14, 511	15, 139	1, 762	16, 901
12 Theatres, arenas, amusement and recreational buildings .....	4, 286	627	4, 913	6, 532	631	7, 163	7, 795	529	8, 324
13 Laundries and dry cleaning establishments .....	271	227	498	288	278	566	218	239	457
<b>Institutional .....</b>	<b>121, 855</b>	<b>18, 986</b>	<b>140, 841</b>	<b>97, 739</b>	<b>16, 875</b>	<b>114, 614</b>	<b>107, 017</b>	<b>15, 959</b>	<b>122, 976</b>
14 Schools and other educational buildings .....	51, 934	6, 908	58, 842	46, 457	6, 821	53, 278	44, 311	6, 637	50, 948
15 Churches and other religious buildings .....	8, 265	3, 619	11, 884	12, 172	3, 143	15, 315	13, 006	3, 538	16, 544
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	52, 356	3, 949	56, 305	27, 070	5, 379	32, 449	32, 610	4, 862	37, 472
17 Other institutional buildings .....	9, 300	4, 510	13, 810	12, 040	1, 532	13, 572	17, 090	922	18, 012
<b>Other Building Construction .....</b>	<b>37, 385</b>	<b>19, 542</b>	<b>56, 927</b>	<b>50, 252</b>	<b>20, 715</b>	<b>70, 967</b>	<b>40, 336</b>	<b>21, 068</b>	<b>61, 404</b>
18 Farm buildings (excluding dwellings) .....	17, 349	12, 581	29, 930	19, 102	13, 922	33, 024	20, 148	14, 345	34, 493
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4, 844	210	5, 054	21, 680	254	21, 934	9, 592	271	9, 863
20 Aeroplane hangars .....	772	164	936	1, 572	247	1, 819	3, 690	161	3, 851
21 Passenger terminals, bus, boat or air .....	1, 087	20	1, 107	384	18	402	-	26	26
22 Armouries, barracks, drill halls, etc. ....	10, 051	2, 667	12, 718	1, 525	2, 751	4, 276	1, 453	2, 803	4, 256
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2, 983	1, 793	4, 776	4, 870	1, 312	6, 182	4, 897	1, 259	6, 156
24 Other building construction .....	299	2, 107	2, 406	1, 119	2, 211	3, 330	556	2, 203	2, 759
<b>Total Engineering Construction .....</b>	<b>344, 612</b>	<b>92, 908</b>	<b>437, 520</b>	<b>407, 862</b>	<b>100, 997</b>	<b>508, 859</b>	<b>573, 323</b>	<b>103, 484</b>	<b>676, 807</b>
<b>Marine Construction .....</b>	<b>28, 722</b>	<b>2, 797</b>	<b>31, 519</b>	<b>62, 167</b>	<b>3, 729</b>	<b>65, 896</b>	<b>87, 327</b>	<b>4, 254</b>	<b>91, 581</b>
25 Docks, wharves, piers, breakwaters .....	5, 784	958	6, 742	11, 727	1, 149	12, 876	10, 698	976	11, 674
26 Retaining walls, embankments, riprapping .....	922	113	1, 035	234	247	481	1, 263	324	1, 587
27 Canals and waterways .....	2, 399	680	3, 079	1, 106	367	1, 473	698	358	1, 056
28 Dredging and pile driving .....	6, 643	213	6, 856	11, 918	335	12, 253	20, 567	1, 294	21, 861
29 Dyke construction .....	4, 173	96	4, 269	11, 153	109	11, 262	12, 664	99	12, 763
30 Logging booms .....	1, 794	245	2, 039	1, 756	506	2, 262	606	447	1, 053
31 Other marine construction .....	7, 007	492	7, 499	24, 273	1, 016	25, 289	40, 831	756	41, 587



**TABLE 23. Quebec - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>76,763</b>	<b>31,840</b>	<b>108,603</b>	<b>85,849</b>	<b>30,892</b>	<b>116,741</b>	<b>92,638</b>	<b>35,440</b>	<b>128,078</b>
32 Hard surfaced or paved streets, highways, parking lots, etc.....	33,943	12,406	46,349	62,973	22,333	85,306	65,982	27,437	93,419
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	19,403	10,881	30,284	9,457	5,465	14,922	10,202	4,464	14,666
34 Dirt, clay or other streets, roads, parking lots, etc. ....	10,383	5,512	15,895	6,876	1,753	8,629	3,680	2,166	5,846
35 Grading, scraping, oiling, filling .....	7,803	2,294	10,097	808 <sup>1</sup>	573	1,381	736 <sup>1</sup>	574	1,310
36 Sidewalks, paths .....	3,212	706	3,918	4,518	720	5,238	5,845	747	6,592
37 Aerodromes, landing fields, runways, tarmac .....	2,019	41	2,060	1,217	48	1,265	6,193	52	6,245
<b>Waterworks and Sewage Systems .....</b>	<b>35,539</b>	<b>5,580</b>	<b>41,119</b>	<b>40,625</b>	<b>6,369</b>	<b>46,994</b>	<b>57,977</b>	<b>6,541</b>	<b>64,518</b>
38 Tile drains, drainage ditches, storm sewers.....	6,270	259	6,529	582	250	832	633	283	916
39 Water mains, hydrants and services .....	12,873	3,163	16,036	19,020	3,848	22,868	27,994	3,766	31,760
40 Sewage systems and connections .....	13,547	2,015	15,562	19,498	2,056	21,554	24,695	2,254	26,949
41 Pumping stations, water .....	1,538	45	1,583	866	192	1,058	740	201	941
42 Water storage tanks.....	1,311	98	1,409	659	23	682	3,915	37	3,952
<b>Dams and Irrigation .....</b>	<b>8,279</b>	<b>971</b>	<b>9,250</b>	<b>11,525</b>	<b>1,245</b>	<b>12,770</b>	<b>14,344</b>	<b>1,161</b>	<b>15,505</b>
43 Dams and reservoirs .....	7,214	620	7,834	10,341	763	11,104	13,100	761	13,861
44 Irrigation and land reclamation projects .....	1,065	351	1,416	1,184	482	1,666	1,244	400	1,644
<b>Electric Power Construction.....</b>	<b>109,558</b>	<b>8,121</b>	<b>117,679</b>	<b>113,703</b>	<b>9,080</b>	<b>122,783</b>	<b>205,221</b>	<b>10,989</b>	<b>216,210</b>
45 Electric power generating plants, including water conveying and controlling structures .....	36,893	2,440	39,333	46,122	2,604	48,726	110,850	3,627	114,477
46 Electric transformer stations.....	18,511	1,288	19,799	19,454	1,654	21,108	23,634	1,808	25,442
47 Power transmission and distribution lines, trolley wires .....	52,057	3,094	55,151	46,054	3,523	49,577	68,082	4,296	72,378
48 Street lighting .....	2,097	1,299	3,396	2,073	1,299	3,372	2,655	1,258	3,913
<b>Railway, Telephone and Telegraph .....</b>	<b>28,810</b>	<b>30,130</b>	<b>58,940</b>	<b>35,669</b>	<b>34,291</b>	<b>69,960</b>	<b>42,307</b>	<b>30,962</b>	<b>73,269</b>
49 Railway tracks and roadbed .....	9,985	21,861	31,846	15,005	23,811	38,816	13,648	20,904	34,552
50 Signals and interlockers .....	376	973	1,349	862	1,137	1,999	719	1,058	1,777
51 Telegraph and telephone lines, underground and marine cables .....	18,449	7,296	25,745	19,802	9,343	29,145	27,940	9,000	36,940
<b>Gas and Oil Facilities.....</b>	<b>32,000</b>	<b>5,303</b>	<b>37,303</b>	<b>22,600</b>	<b>6,088</b>	<b>28,688</b>	<b>18,404</b>	<b>5,091</b>	<b>23,495</b>
52 Gas mains and services .....	2,147	464	2,611	1,635	508	2,143	291	27	318
53 Pumping stations, oil .....	209	132	341	187	44	231	157	49	206
54 Pumping stations, gas .....	147	—	147	68	—	68	22	—	22
55 Oil storage tanks.....	2,236	171	2,407	1,990	78	2,068	2,966	92	3,058
56 Gas storage tanks .....	660	24	684	677	34	711	1,064	61	1,125
57 Oil pipe lines.....	3,344	96	3,440	1,438	55	1,493	582	57	639
58 Gas pipe lines .....	47	31	78	—	23	23	—	23	23
59 Oil wells.....	—	—	—	72	—	72	184	1	185
60 Gas wells .....	—	—	—	140	—	140	235	1	236
61 Oil refinery — processing units.....	23,209	4,384	27,593	16,393	5,346	21,739	12,903	4,780	17,683
62 Natural gas cleaning plants.....	1	1	2	—	—	—	—	—	—
<b>Other Engineering Construction .....</b>	<b>24,941</b>	<b>8,166</b>	<b>33,107</b>	<b>35,724</b>	<b>9,303</b>	<b>45,027</b>	<b>55,105</b>	<b>9,046</b>	<b>64,151</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	13,641	4,271	17,912	16,013	4,817	20,830	32,963	4,522	37,485
64 Tunnels and subways .....	1,479	123	1,602	1,511	148	1,659	1,889	182	2,071
65 Incinerators .....	98	73	171	174	79	253	477	84	561
66 Park systems, landscaping, sodding, etc.....	1,412	786	2,198	1,947	840	2,787	3,312	813	4,125
67 Swimming pools, tennis courts, outdoor recreation facilities.....	587	500	1,087	308	509	1,317	1,110	515	1,625
68 Mine shafts and other below surface workings .....	5,343	505	5,848	8,165	630	8,795	9,880	736	10,616
69 Fences, snowsheds, signs, guard rails .....	1,249	1,703	2,952	1,425	1,935	3,360	1,576	1,878	3,454
70 Other engineering construction .....	1,132	205	1,337	5,681	345	6,026	3,898	316	4,214

1. Figures for grading for 1956 and 1957 have been largely included with the type of road to which the grading applies.

**TABLE 24. Ontario**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>1,488,099</b>	<b>381,236</b>	<b>1,869,335</b>	<b>1,794,835</b>	<b>399,185</b>	<b>2,194,020</b>	<b>1,987,290</b>	<b>411,387</b>	<b>2,398,677</b>
<b>Total Building Construction .....</b>	<b>1,112,815</b>	<b>213,605</b>	<b>1,326,420</b>	<b>1,235,410</b>	<b>222,524</b>	<b>1,457,934</b>	<b>1,187,174</b>	<b>234,120</b>	<b>1,421,294</b>
<b>Residential .....</b>	<b>605,900</b>	<b>94,500</b>	<b>700,400</b>	<b>601,600</b>	<b>97,600</b>	<b>699,200</b>	<b>506,700</b>	<b>107,700</b>	<b>614,400</b>
1 Dwellings, single, double, duplexes and apartments.....	605,900	94,500	700,400	601,600	97,600	699,200	506,700	107,700	614,400
<b>Industrial .....</b>	<b>137,865</b>	<b>45,058</b>	<b>182,923</b>	<b>229,260</b>	<b>51,362</b>	<b>280,622</b>	<b>213,740</b>	<b>49,968</b>	<b>263,708</b>
2 Factories, plants, workshops, food canneries .....	120,565	35,971	156,536	166,349	38,555	204,904	160,541	38,189	198,730
3 Mine and mine mill buildings.....	14,188	3,079	17,267	57,248	3,430	60,678	48,157	3,536	51,693
4 Railway stations, offices, roadway buildings.....	1,815	3,571	5,386	3,638	5,961	9,599	3,432	5,084	8,516
5 Railway shops, engine houses, water and fuel stations.....	1,297	2,437	3,734	2,025	3,416	5,441	1,610	3,159	4,769
<b>Commercial .....</b>	<b>175,719</b>	<b>34,408</b>	<b>210,127</b>	<b>196,182</b>	<b>32,688</b>	<b>228,870</b>	<b>245,268</b>	<b>34,587</b>	<b>279,855</b>
6 Warehouses, storehouses, refrigerated storage, etc	27,461	3,939	31,400	24,585	4,337	28,922	35,292	4,105	39,397
7 Grain elevators .....	690	682	1,372	721	709	1,430	387	565	952
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	9,577	3,305	12,882	18,825	3,808	22,633	27,114	6,165	33,279
9 Office buildings.....	50,850	11,997	62,847	65,401	11,646	77,047	85,527	11,509	97,036
10 Stores, retail and wholesale .....	66,464	10,647	77,111	56,041	8,052	64,093	62,976	8,163	71,139
11 Garages and service stations .....	14,039	2,734	16,773	19,572	3,119	22,691	19,799	3,299	23,098
12 Theatres, arenas, amusement and recreational buildings.....	6,394	865	7,259	10,633	788	11,421	14,118	559	14,677
13 Laundries and dry cleaning establishments .....	244	239	483	404	229	633	55	222	277
<b>Institutional .....</b>	<b>142,241</b>	<b>15,953</b>	<b>158,194</b>	<b>143,072</b>	<b>16,051</b>	<b>159,123</b>	<b>172,969</b>	<b>15,801</b>	<b>188,770</b>
14 Schools and other educational buildings .....	70,948	6,705	77,653	79,476	6,733	86,209	89,379	6,581	95,960
15 Churches and other religious buildings .....	14,257	2,338	16,595	10,656	1,945	12,601	13,070	1,942	15,012
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	41,165	3,905	45,070	41,122	4,078	45,200	49,667	3,972	53,639
17 Other institutional buildings .....	15,871	3,005	18,876	11,818	3,295	15,113	20,853	3,306	24,159
<b>Other Building Construction .....</b>	<b>51,090</b>	<b>23,686</b>	<b>74,776</b>	<b>65,296</b>	<b>24,823</b>	<b>90,119</b>	<b>48,497</b>	<b>26,064</b>	<b>74,561</b>
18 Farm buildings (excluding dwellings) .....	24,897	16,479	41,376	25,893	17,357	43,250	26,824	17,878	44,702
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	7,832	205	8,037	25,731	241	25,972	9,297	289	9,586
20 Aeroplane hangars.....	1,300	543	1,843	2,031	420	2,451	1,926	612	2,538
21 Passenger terminals, bus, boat or air .....	323	21	344	162	43	205	1	211	212
22 Armouries, barracks, drill halls, etc.....	10,716	4,896	15,612	2,927	5,014	7,941	3,652	5,076	8,728
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,562	1,025	4,587	4,455	1,077	5,532	4,616	1,278	5,894
24 Other building construction .....	2,460	517	2,977	4,097	671	4,768	2,181	720	2,901
<b>Total Engineering Construction .....</b>	<b>375,284</b>	<b>167,631</b>	<b>542,915</b>	<b>559,425</b>	<b>176,661</b>	<b>736,086</b>	<b>800,116</b>	<b>177,267</b>	<b>977,383</b>
<b>Marine Construction .....</b>	<b>13,541</b>	<b>4,298</b>	<b>17,839</b>	<b>21,829</b>	<b>3,809</b>	<b>25,638</b>	<b>39,263</b>	<b>4,070</b>	<b>43,333</b>
25 Docks, wharves, piers, breakwaters.....	4,051	1,395	5,446	5,178	1,106	6,284	5,210	1,406	6,616
26 Retaining walls, embankments, riprapping .....	271	151	422	1,812	212	2,024	450	160	610
27 Canals and waterways .....	601	859	1,460	840	850	1,690	659	878	1,537
28 Dredging and pile driving.....	7,088	1,211	8,299	7,522	1,218	8,740	25,891	1,229	27,120
29 Dyke construction .....	—	—	—	849	30	879	1,911	48	1,959
30 Logging booms.....	273	232	505	442	238	680	367	212	579
31 Other marine construction .....	1,257	450	1,707	5,186	155	5,341	4,775	137	4,912



**TABLE 24. Ontario - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>108,673</b>	<b>59,911</b>	<b>168,584</b>	<b>138,015</b>	<b>57,368</b>	<b>195,383</b>	<b>154,403</b>	<b>65,461</b>	<b>219,864</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	59,958	40,734	100,692	73,876	32,226	106,102	81,930	38,430	120,360
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	37,498	11,644	49,142	53,908	19,409	73,317	56,356	21,179	77,535
34 Dirt, clay or other streets, roads, parking lots, etc. ....	1,815	3,102	4,917	3,563	2,710	6,273	2,741	2,409	5,150
35 Grading, scraping, oiling, filling .....	1,498	2,693	4,191	634	1,850	2,484	842	2,234	3,076
36 Sidewalks, paths.....	3,551	1,448	4,999	4,162	1,022	5,184	3,974	1,047	5,021
37 Aerodromes, landing fields, runways, tarmac.....	4,353	290	4,643	1,872	151	2,023	8,560	162	8,722
<b>Waterworks and Sewage Systems .....</b>	<b>50,580</b>	<b>7,143</b>	<b>57,723</b>	<b>67,716</b>	<b>8,483</b>	<b>76,199</b>	<b>100,884</b>	<b>9,001</b>	<b>109,885</b>
38 Tile drains, drainage ditches, storm sewers.....	8,785	928	9,713	3,133	2,179	5,312	2,892	2,453	5,345
39 Water mains, hydrants and services.....	15,649	3,597	19,246	17,946	3,487	21,433	28,225	3,528	31,753
40 Sewage systems and connections.....	22,055	2,044	24,099	35,397	2,447	37,844	60,246	2,588	62,834
41 Pumping stations, water .....	2,541	537	3,078	10,172	338	10,510	8,681	386	9,067
42 Water storage tanks .....	1,550	37	1,587	1,068	32	1,100	840	46	886
<b>Dams and Irrigation .....</b>	<b>4,735</b>	<b>921</b>	<b>5,656</b>	<b>7,455</b>	<b>1,010</b>	<b>8,465</b>	<b>9,194</b>	<b>983</b>	<b>10,177</b>
43 Dams and reservoirs.....	3,447	229	3,676	6,117	281	6,398	7,794	232	8,026
44 Irrigation and land reclamation projects .....	1,288	692	1,980	1,338	729	2,067	1,400	751	2,151
<b>Electric Power Construction .....</b>	<b>87,380</b>	<b>17,350</b>	<b>104,730</b>	<b>151,467</b>	<b>19,725</b>	<b>171,192</b>	<b>195,444</b>	<b>21,155</b>	<b>216,599</b>
45 Electric power generating plants, including water conveying and controlling structures.....	40,372	3,384	43,756	85,244	3,931	89,175	114,291	4,222	118,513
46 Electric transformer stations .....	6,996	2,441	9,437	16,763	2,292	19,055	22,460	2,456	24,916
47 Power transmission and distribution lines, trolley wires.....	38,300	10,765	49,065	47,795	11,445	59,240	57,019	12,448	69,467
48 Street lighting .....	1,712	760	2,472	1,665	2,057	3,722	1,674	2,029	3,703
<b>Railway, Telephone and Telegraph.....</b>	<b>54,956</b>	<b>59,121</b>	<b>114,077</b>	<b>73,374</b>	<b>65,402</b>	<b>138,776</b>	<b>62,910</b>	<b>55,029</b>	<b>117,939</b>
49 Railway tracks and roadbed .....	22,610	45,250	67,860	38,282	48,383	86,665	28,964	39,195	68,159
50 Signals and interlockers .....	1,029	1,831	2,860	1,547	2,072	3,619	1,893	1,805	3,698
51 Telegraph and telephone lines, underground and marine cables	31,317	12,040	43,357	33,545	14,947	48,492	32,053	14,029	46,082
<b>Gas and Oil Facilities .....</b>	<b>16,132</b>	<b>9,337</b>	<b>25,469</b>	<b>42,929</b>	<b>8,515</b>	<b>51,444</b>	<b>158,259</b>	<b>8,711</b>	<b>166,970</b>
52 Gas mains and services.....	4,970	671	5,641	10,664	1,069	11,733	13,938	1,160	15,098
53 Pumping stations, oil.....	177	200	377	748	180	928	1,093	188	1,281
54 Pumping stations, gas .....	278	20	298	—	—	—	1	19	20
55 Oil storage tanks .....	2,077	920	2,997	4,366	607	4,973	10,614	346	10,960
56 Gas storage tanks.....	373	358	731	1,022	342	1,364	753	608	1,361
57 Oil pipe lines .....	277	415	692	2,099	269	2,368	10,024	317	10,341
58 Gas pipe lines.....	1,882	713	2,595	1,475	444	1,919	85,503	344	85,847
59 Oil wells .....	51	—	51	399	10	409	490	11	501
60 Gas wells.....	1,027	124	1,151	760	152	912	755	157	912
61 Oil refinery — processing units .....	5,019	5,901	10,920	21,396	5,442	26,838	35,088	5,561	40,649
62 Natural gas cleaning plants .....	1	15	16	—	—	—	—	—	—
<b>Other Engineering Construction.....</b>	<b>39,287</b>	<b>9,550</b>	<b>48,837</b>	<b>56,640</b>	<b>12,349</b>	<b>68,989</b>	<b>79,759</b>	<b>12,857</b>	<b>92,616</b>
63 Bridges, trestles, culverts, overpasses, viaducts.....	24,817	4,290	29,107	31,793	6,217	38,010	42,419	5,846	48,265
64 Tunnels and subways.....	264	104	368	878	135	1,013	2,433	230	2,663
65 Incinerators .....	204	180	384	226	220	446	1,224	143	1,367
66 Park systems, landscaping, sodding, etc. ....	918	1,061	1,979	461	966	1,427	338	1,048	1,386
67 Swimming pools, tennis courts, outdoor recreation facilities .....	277	117	394	59	155	214	156	129	285
68 Mine shafts and other below surface workings.....	8,450	246	8,696	18,713	275	18,988	28,044	302	28,346
69 Fences, snowsheds, signs, guard rails.....	1,994	3,315	5,309	2,435	3,476	5,911	2,356	3,385	5,741
70 Other engineering construction.....	2,363	237	2,600	2,075	905	2,980	2,789	1,774	4,563



**TABLE 25. Manitoba**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>198,581</b>	<b>58,852</b>	<b>257,433</b>	<b>242,776</b>	<b>68,129</b>	<b>310,905</b>	<b>290,472</b>	<b>68,835</b>	<b>359,307</b>
<b>Total Building Construction .....</b>	<b>133,039</b>	<b>30,625</b>	<b>163,664</b>	<b>146,154</b>	<b>32,678</b>	<b>178,832</b>	<b>145,495</b>	<b>35,453</b>	<b>180,948</b>
<b>Residential .....</b>	<b>70,900</b>	<b>11,200</b>	<b>82,100</b>	<b>69,300</b>	<b>11,200</b>	<b>80,500</b>	<b>66,700</b>	<b>14,200</b>	<b>80,900</b>
1 Dwellings, single, double, duplexes and apartments .....	70,900	11,200	82,100	69,300	11,200	80,500	66,700	14,200	80,900
<b>Industrial .....</b>	<b>7,723</b>	<b>5,569</b>	<b>13,292</b>	<b>8,475</b>	<b>6,084</b>	<b>14,559</b>	<b>12,829</b>	<b>5,652</b>	<b>18,481</b>
2 Factories, plants, workshops, food canneries .....	6,389	3,070	9,459	6,735	2,863	9,598	10,042	2,671	12,713
3 Mine and mine mill buildings .....	506	164	670	392	141	533	773	132	905
4 Railway stations, offices, roadway buildings .....	413	1,157	1,570	763	1,567	2,330	791	1,362	2,153
5 Railway shops, engine houses, water and fuel stations .....	415	1,178	1,593	585	1,513	2,098	1,223	1,487	2,710
<b>Commercial .....</b>	<b>20,640</b>	<b>4,758</b>	<b>25,398</b>	<b>28,190</b>	<b>5,569</b>	<b>33,759</b>	<b>32,170</b>	<b>5,473</b>	<b>37,643</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	3,519	656	4,175	5,568	751	6,319	2,119	659	2,778
7 Grain elevators .....	2,035	582	2,617	1,359	593	1,952	767	573	1,340
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	544	700	1,244	3,970	899	4,869	6,830	1,001	7,831
9 Office buildings .....	4,979	889	5,868	7,378	1,390	8,768	10,768	1,386	12,154
10 Stores, retail and wholesale .....	6,521	1,402	7,923	6,567	1,448	8,015	7,313	1,330	8,643
11 Garages and service stations .....	2,725	350	3,075	1,375	342	1,717	1,663	364	2,027
12 Theatres, arenas, amusement and recreational buildings .....	204	104	308	1,919	74	1,993	2,646	101	2,747
13 Laundries and dry cleaning establishments .....	113	75	188	54	72	126	64	59	123
<b>Institutional .....</b>	<b>17,856</b>	<b>2,582</b>	<b>20,438</b>	<b>19,025</b>	<b>2,588</b>	<b>21,613</b>	<b>20,787</b>	<b>2,684</b>	<b>23,471</b>
14 Schools and other educational buildings .....	8,568	1,589	10,157	8,747	1,640	10,387	10,378	1,659	12,037
15 Churches and other religious buildings .....	776	181	957	1,163	125	1,288	2,179	119	2,298
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,646	588	7,234	8,347	595	8,942	7,385	715	8,100
17 Other institutional buildings .....	1,866	224	2,090	768	228	996	845	191	1,036
<b>Other Building Construction .....</b>	<b>15,920</b>	<b>6,516</b>	<b>22,436</b>	<b>21,164</b>	<b>7,237</b>	<b>28,401</b>	<b>13,009</b>	<b>7,444</b>	<b>20,453</b>
18 Farm buildings (excluding dwellings) .....	6,253	4,566	10,819	7,219	5,395	12,614	7,680	5,558	13,238
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	936	152	1,088	10,344	7	10,351	2,519	30	2,549
20 Aeroplane hangars .....	401	209	610	1,961	228	2,189	1,008	236	1,244
21 Passenger terminals, bus, boat or air .....	—	—	—	—	49	49	35	48	83
22 Armouries, barracks, drill halls, etc. ....	7,331	1,374	8,705	1,060	1,441	2,501	1,090	1,460	2,550
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	300	191	491	132	85	217	197	76	273
24 Other building construction .....	699	24	723	448	32	480	480	36	516
<b>Total Engineering Construction .....</b>	<b>65,542</b>	<b>28,227</b>	<b>93,769</b>	<b>96,622</b>	<b>35,451</b>	<b>132,073</b>	<b>144,977</b>	<b>33,382</b>	<b>178,359</b>
<b>Marine Construction .....</b>	<b>246</b>	<b>423</b>	<b>669</b>	<b>204</b>	<b>526</b>	<b>730</b>	<b>216</b>	<b>578</b>	<b>794</b>
25 Docks, wharves, piers, breakwaters .....	135	158	293	81	252	333	149	211	360
26 Retaining walls, embankments, riprapping .....	13	3	16	53	1	54	14	22	36
27 Canals and waterways .....	—	19	19	—	19	19	—	20	20
28 Dredging and pile driving .....	38	229	267	22	240	262	—	262	262
29 Dyke construction .....	1	—	1	—	—	—	—	—	—
30 Logging booms .....	57	9	66	40	9	49	50	9	59
31 Other marine construction .....	2	5	7	8	5	13	3	54	57

**TABLE 25. Manitoba - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>18,372</b>	<b>3,441</b>	<b>21,813</b>	<b>30,980</b>	<b>6,516</b>	<b>37,496</b>	<b>34,585</b>	<b>6,894</b>	<b>41,479</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	7,113	2,082	9,195	14,305	1,396	15,701	10,245	1,571	11,816
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	2,564	725	3,289	4,400	3,126	7,526	7,853	3,208	11,061
34 Dirt, clay or other streets, roads, parking lots, etc. ....	557	179	736	10,671	877	11,548	10,680	1,828	12,508
35 Grading, scraping, oiling, filling .....	5,572	378	5,950	572	963	1,535	269	111	380
36 Sidewalks, paths .....	217	36	253	378	112	490	1,169	124	1,293
37 Aerodromes, landing fields, runways, tarmac.....	2,349	41	2,390	654	42	696	4,369	52	4,421
<b>Waterworks and Sewage Systems .....</b>	<b>3,486</b>	<b>836</b>	<b>4,322</b>	<b>5,537</b>	<b>1,285</b>	<b>6,822</b>	<b>8,889</b>	<b>1,254</b>	<b>10,143</b>
38 Tile drains, drainage ditches, storm sewers .....	352	52	404	964	176	1,140	956	151	1,107
39 Water mains, hydrants and services .....	1,685	669	2,354	1,401	778	2,179	1,688	768	2,456
40 Sewage systems and connections.....	1,367	106	1,473	3,003	304	3,307	5,811	296	6,107
41 Pumping stations, water .....	44	9	53	142	26	168	432	39	471
42 Water storage tanks .....	38	—	38	27	1	28	2	—	2
<b>Dams and Irrigation .....</b>	<b>617</b>	<b>403</b>	<b>1,020</b>	<b>1,725</b>	<b>1,069</b>	<b>2,794</b>	<b>1,169</b>	<b>931</b>	<b>2,100</b>
43 Dams and reservoirs.....	139	256	395	130	313	443	46	50	96
44 Irrigation and land reclamation projects .....	478	147	625	1,595	756	2,351	1,123	881	2,004
<b>Electric Power Construction .....</b>	<b>11,624</b>	<b>1,321</b>	<b>12,945</b>	<b>13,036</b>	<b>1,438</b>	<b>14,474</b>	<b>19,080</b>	<b>1,403</b>	<b>20,483</b>
45 Electric power generating plants, including water conveying and controlling structures.....	2,488	218	2,706	4,079	480	4,559	11,382	510	11,892
46 Electric transformer stations .....	16	43	59	2,549	177	2,726	2,585	189	2,774
47 Power transmission and distribution lines, trolley wires.....	8,957	1,004	9,961	6,326	720	7,046	5,070	657	5,727
48 Street lighting .....	163	56	219	82	61	143	43	47	90
<b>Railway, Telephone and Telegraph.....</b>	<b>9,785</b>	<b>17,702</b>	<b>27,487</b>	<b>15,236</b>	<b>19,399</b>	<b>34,635</b>	<b>16,932</b>	<b>17,091</b>	<b>34,023</b>
49 Railway tracks and roadbed .....	4,208	14,435	18,643	8,428	15,003	23,431	8,689	12,812	21,501
50 Signals and interlockers .....	125	305	430	303	635	938	430	575	1,005
51 Telegraph and telephone lines, underground and marine cables	5,452	2,962	8,414	6,505	3,761	10,266	7,813	3,704	11,517
<b>Gas and Oil Facilities .....</b>	<b>16,088</b>	<b>921</b>	<b>17,009</b>	<b>21,657</b>	<b>824</b>	<b>22,481</b>	<b>55,026</b>	<b>1,100</b>	<b>56,126</b>
52 Gas mains and services.....	1,058	—	1,058	1,728	—	1,728	2,666	—	2,666
53 Pumping stations, oil.....	505	170	675	298	216	514	575	238	813
54 Pumping stations, gas .....	—	—	—	44	—	44	35	—	35
55 Oil storage tanks .....	825	73	898	1,762	28	1,790	641	32	673
56 Gas storage tanks.....	7	—	7	74	—	74	34	8	42
57 Oil pipe lines .....	505	65	570	4,960	206	5,166	1,618	205	1,823
58 Gas pipe lines.....	—	—	—	6,656	—	6,656	40,020	—	40,020
59 Oil wells .....	6,649	187	6,836	5,410	110	5,520	5,249	56	5,305
60 Gas wells .....	—	—	—	—	—	—	—	—	—
61 Oil refinery — processing units .....	6,539	426	6,965	725	264	989	4,188	561	4,749
62 Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other Engineering Construction.....</b>	<b>5,324</b>	<b>3,180</b>	<b>8,504</b>	<b>8,247</b>	<b>4,394</b>	<b>12,641</b>	<b>9,080</b>	<b>4,131</b>	<b>13,211</b>
63 Bridges, trestles, culverts, overpasses, viaducts.....	2,698	905	3,603	4,139	1,731	5,870	4,325	1,431	5,756
64 Tunnels and subways.....	10	18	28	18	51	69	145	101	246
65 Incinerators .....	—	—	—	—	13	13	—	15	15
66 Park systems, landscaping, sodding, etc. ....	109	75	184	96	75	171	207	74	281
67 Swimming pools, tennis courts, outdoor recreation facilities.....	32	6	38	—	6	6	37	7	44
68 Mine shafts and other below surface workings.....	1,407	482	1,889	2,549	563	3,112	2,850	559	3,409
69 Fences, snowsheds, signs, guard rails.....	543	750	1,293	530	936	1,466	528	920	1,448
70 Other engineering construction.....	525	944	1,469	915	1,019	1,934	988	1,024	2,012

**TABLE 26. Saskatchewan**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>217,391</b>	<b>63,024</b>	<b>280,415</b>	<b>290,285</b>	<b>72,801</b>	<b>363,086</b>	<b>282,136</b>	<b>71,622</b>	<b>353,758</b>
<b>Total Building Construction .....</b>	<b>118,870</b>	<b>30,729</b>	<b>149,599</b>	<b>123,449</b>	<b>32,569</b>	<b>156,018</b>	<b>113,200</b>	<b>32,809</b>	<b>146,009</b>
<b>Residential .....</b>	<b>49,500</b>	<b>7,800</b>	<b>57,300</b>	<b>42,500</b>	<b>6,900</b>	<b>49,400</b>	<b>35,900</b>	<b>7,600</b>	<b>43,500</b>
1 Dwellings, single, double, duplexes and apartments .....	49,500	7,800	57,300	42,500	6,900	49,400	35,900	7,600	43,500
<b>Industrial .....</b>	<b>5,233</b>	<b>2,917</b>	<b>8,150</b>	<b>18,130</b>	<b>3,660</b>	<b>21,790</b>	<b>7,085</b>	<b>3,165</b>	<b>10,250</b>
2 Factories, plants, workshops, food canneries .....	2,425	1,233	3,658	10,874	1,235	12,109	4,547	1,011	5,558
3 Mine and mine mill buildings .....	2,182	167	2,349	6,070	164	6,234	1,445	167	1,612
4 Railway stations, offices, roadway buildings .....	355	912	1,267	750	1,435	2,185	715	1,222	1,937
5 Railway shops, engine houses, water and fuel stations .....	271	605	876	436	826	1,262	378	765	1,143
<b>Commercial .....</b>	<b>22,278</b>	<b>5,710</b>	<b>27,988</b>	<b>21,303</b>	<b>5,986</b>	<b>27,289</b>	<b>23,180</b>	<b>5,718</b>	<b>28,898</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	3,897	610	4,507	2,454	469	2,923	2,482	465	2,947
7 Grain elevators .....	3,807	2,368	6,175	4,182	2,315	6,497	3,159	2,124	5,283
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	384	563	947	733	705	1,438	408	621	1,029
9 Office buildings .....	6,371	795	7,166	6,683	1,220	7,903	5,433	1,168	6,601
10 Stores, retail and wholesale .....	6,478	1,121	7,599	4,915	1,006	5,921	7,894	1,063	8,957
11 Garages and service stations .....	521	122	643	1,605	175	1,780	3,440	182	3,622
12 Theatres, arenas, amusement and recreational buildings .....	778	95	873	711	84	795	328	83	411
13 Laundries and dry cleaning establishments .....	42	36	78	20	12	32	36	12	48
<b>Institutional .....</b>	<b>25,063</b>	<b>3,655</b>	<b>28,718</b>	<b>23,994</b>	<b>3,505</b>	<b>27,499</b>	<b>29,245</b>	<b>3,439</b>	<b>32,684</b>
14 Schools and other educational buildings .....	13,659	2,193	15,852	13,700	1,890	15,590	11,924	2,035	13,959
15 Churches and other religious buildings .....	1,067	152	1,219	1,530	265	1,795	810	108	918
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,133	983	9,116	8,375	1,088	9,463	13,256	1,068	14,324
17 Other institutional buildings .....	2,204	327	2,531	389	262	651	3,255	228	3,483
<b>Other Building Construction .....</b>	<b>16,796</b>	<b>10,647</b>	<b>27,443</b>	<b>17,522</b>	<b>12,518</b>	<b>30,040</b>	<b>17,790</b>	<b>12,887</b>	<b>30,677</b>
18 Farm buildings (excluding dwellings) .....	13,252	9,800	23,052	15,449	11,492	26,941	16,235	11,840	28,075
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,587	36	2,623	1,266	43	1,309	879	46	925
20 Aeroplane hangars .....	347	141	488	—	150	150	212	151	363
21 Passenger terminals, bus, boat or air .....	20	—	20	2	30	32	—	39	39
22 Armouries, barracks, drill halls, etc. ....	252	584	836	64	610	674	—	614	614
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	303	77	380	674	179	853	317	183	500
24 Other building construction .....	35	9	44	67	14	81	147	14	161
<b>Total Engineering Construction .....</b>	<b>98,521</b>	<b>32,295</b>	<b>130,816</b>	<b>166,836</b>	<b>40,232</b>	<b>207,068</b>	<b>168,936</b>	<b>38,813</b>	<b>207,749</b>
<b>Marine Construction .....</b>	<b>94</b>	<b>41</b>	<b>135</b>	<b>178</b>	<b>118</b>	<b>296</b>	<b>158</b>	<b>106</b>	<b>264</b>
25 Docks, wharves, piers, breakwaters .....	49	31	80	115	109	224	110	97	207
26 Retaining walls, embankments, riprapping .....	3	—	3	—	—	—	13	—	13
27 Canals and waterways .....	12	2	14	—	—	—	—	—	—
28 Dredging and pile driving .....	—	—	—	20	—	20	5	—	5
29 Dyke construction .....	—	—	—	—	2	2	—	1	1
30 Logging booms .....	30	8	38	34	7	41	30	8	38
31 Other marine construction .....	—	—	—	9	—	9	—	—	—



**TABLE 26. Saskatchewan — Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>16, 905</b>	<b>8, 446</b>	<b>25, 351</b>	<b>23, 113</b>	<b>12, 417</b>	<b>35, 530</b>	<b>24, 285</b>	<b>12, 666</b>	<b>36, 951</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ...	8, 361	2, 080	10, 441	8, 544	3, 235	11, 779	8, 471	3, 723	12, 194
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	5, 082	2, 220	7, 302	9, 471	6, 772	16, 243	9, 970	6, 337	16, 307
34 Dirt, clay or other streets, roads, parking lots, etc. ....	1, 260	475	1, 735	3, 079	2, 181	5, 260	2, 968	2, 319	5, 287
35 Grading, scraping, oilling, filling .....	92	3, 573	3, 665	97	24	121	73	33	106
36 Sidewalks, paths .....	1, 574	87	1, 661	1, 199	184	1, 383	850	214	1, 064
37 Aerodromes, landing fields, runways, tarmac .....	536	11	547	723	21	744	1, 953	40	1, 993
<b>Waterworks and Sewage Systems .....</b>	<b>4, 547</b>	<b>849</b>	<b>5, 396</b>	<b>9, 072</b>	<b>1, 683</b>	<b>10, 755</b>	<b>7, 105</b>	<b>1, 588</b>	<b>8, 693</b>
38 Tile drains, drainage ditches, storm sewers .....	1, 546	34	1, 580	640	345	985	885	330	1, 215
39 Water mains, hydrants and services .....	1, 760	546	2, 306	3, 147	617	3, 764	1, 818	649	2, 467
40 Sewage systems and connections .....	1, 225	167	1, 392	4, 545	488	5, 033	3, 965	477	4, 442
41 Pumping stations, water .....	11	100	111	711	232	943	141	128	269
42 Water storage tanks .....	5	2	7	29	1	30	296	4	300
<b>Dams and Irrigation .....</b>	<b>1, 682</b>	<b>818</b>	<b>2, 500</b>	<b>2, 237</b>	<b>925</b>	<b>3, 162</b>	<b>3, 810</b>	<b>1, 009</b>	<b>4, 819</b>
43 Dams and reservoirs.....	759	382	1, 141	31	418	449	61	429	490
44 Irrigation and land reclamation projects .....	923	436	1, 359	2, 206	507	2, 713	3, 749	580	4, 329
<b>Electric Power Construction .....</b>	<b>10, 727</b>	<b>1, 719</b>	<b>12, 446</b>	<b>15, 992</b>	<b>1, 390</b>	<b>17, 382</b>	<b>26, 128</b>	<b>1, 577</b>	<b>27, 705</b>
45 Electric power generating plants, including water conveying and controlling structures .....	667	468	1, 135	6, 013	338	6, 351	14, 653	441	15, 094
46 Electric transformer stations .....	142	55	197	181	6	187	100	8	108
47 Power transmission and distribution lines, trolley wires .....	9, 731	1, 058	10, 789	9, 600	840	10, 440	11, 131	912	12, 043
48 Street lighting .....	187	138	325	198	206	404	244	216	460
<b>Railway, Telephone and Telegraph .....</b>	<b>9, 912</b>	<b>14, 814</b>	<b>24, 726</b>	<b>14, 371</b>	<b>16, 213</b>	<b>30, 584</b>	<b>13, 786</b>	<b>13, 945</b>	<b>27, 731</b>
49 Railway tracks and roadbed .....	4, 487	13, 140	17, 627	8, 479	13, 308	21, 787	7, 547	11, 234	18, 781
50 Signals and interlockers .....	130	231	361	301	602	903	366	534	900
51 Telegraph and telephone lines, underground and marine cables .....	5, 295	1, 443	6, 738	5, 591	2, 303	7, 894	5, 873	2, 177	8, 050
<b>Gas and Oil Facilities .....</b>	<b>47, 814</b>	<b>2, 561</b>	<b>50, 375</b>	<b>93, 852</b>	<b>2, 949</b>	<b>96, 801</b>	<b>87, 449</b>	<b>3, 589</b>	<b>91, 038</b>
52 Gas mains and services .....	2, 079	7	2, 086	3, 435	13	3, 448	5, 442	15	5, 457
53 Pumping stations, oil .....	549	219	768	398	323	721	1, 148	391	1, 539
54 Pumping stations, gas .....	16	—	16	—	—	—	500	—	500
55 Oil storage tanks .....	2, 981	97	3, 078	2, 567	137	2, 704	2, 319	194	2, 513
56 Gas storage tanks .....	13	7	20	77	6	83	34	14	48
57 Oil pipe lines .....	4, 447	127	4, 574	7, 371	121	7, 492	10, 359	169	10, 528
58 Gas pipe lines .....	6, 926	6	6, 932	40, 448	12	40, 460	22, 300	12	22, 312
59 Oil wells .....	28, 107	536	28, 643	38, 259	917	39, 176	43, 294	1, 022	44, 316
60 Gas wells .....	255	11	266	269	1	270	275	1	276
61 Oil refinery — processing units .....	2, 441	1, 551	3, 992	1, 028	1, 419	2, 447	1, 703	1, 771	3, 474
62 Natural gas cleaning plants .....	—	—	—	—	—	—	75	—	75
<b>Other Engineering Construction .....</b>	<b>6, 840</b>	<b>3, 047</b>	<b>9, 887</b>	<b>8, 021</b>	<b>4, 537</b>	<b>12, 558</b>	<b>6, 215</b>	<b>4, 333</b>	<b>10, 548</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	1, 386	582	1, 968	1, 974	1, 693	3, 667	1, 458	1, 368	2, 826
64 Tunnels and subways .....	15	19	34	135	44	179	445	87	532
65 Incinerators .....	1	—	1	41	70	111	9	100	109
66 Park systems, landscaping, sodding, etc. ....	71	29	100	16	30	46	7	29	36
67 Swimming pools, tennis courts, outdoor recreation facilities ....	1	—	1	—	—	—	20	—	20
68 Mine shafts and other below surface workings .....	3, 998	433	4, 431	4, 630	416	5, 046	3, 160	477	3, 637
69 Fences, snowsheds, signs, guard rails .....	1, 176	1, 836	3, 012	918	2, 052	2, 970	941	2, 059	3, 000
70 Other engineering construction .....	192	148	340	307	232	539	175	213	388

**TABLE 27. Alberta**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Total Value of Construction .....	530,581	93,024	623,605	644,850	102,866	747,716	602,748	105,089	707,837
Total Building Construction .....	255,136	45,340	300,476	296,243	49,454	345,697	262,466	52,839	315,305
Residential .....	121,000	19,100	140,100	133,900	21,700	155,600	119,400	25,400	144,800
1 Dwellings, single, double, duplexes and apartments .....	121,000	19,100	140,100	133,900	21,700	155,600	119,400	25,400	144,800
Industrial .....	19,474	4,501	23,975	34,883	5,336	40,219	15,922	4,758	20,680
2 Factories, plants, workshops, food canneries .....	18,262	2,281	20,543	32,497	2,620	35,117	13,392	2,231	15,623
3 Mine and mine mill buildings .....	552	538	1,090	1,086	540	1,626	292	503	795
4 Railway stations, offices, roadway buildings .....	414	1,003	1,417	749	1,247	1,996	733	1,116	1,849
5 Railway shops, engine houses, water and fuel stations .....	246	679	925	551	929	1,480	1,505	908	2,413
Commercial .....	58,162	8,116	66,278	51,146	7,818	58,964	50,881	7,853	58,734
6 Warehouses, storehouses, refrigerated storage, etc. ....	8,850	683	9,533	7,712	650	8,362	7,967	658	8,625
7 Grain elevators .....	2,203	1,291	3,494	2,695	1,345	4,040	2,157	1,237	3,394
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	913	1,288	2,201	3,884	1,340	5,224	2,151	1,364	3,515
9 Office buildings .....	20,132	2,800	22,932	22,262	2,183	24,445	15,374	2,035	17,409
10 Stores, retail and wholesale .....	19,887	1,486	21,373	8,993	1,537	10,530	13,693	1,748	15,441
11 Garages and service stations .....	2,543	289	2,832	3,346	479	3,825	7,093	490	7,583
12 Theatres, arenas, amusement and recreational buildings .....	3,634	176	3,810	2,049	181	2,230	2,398	197	2,595
13 Laundries and dry cleaning establishments .....	—	103	103	205	103	308	48	124	172
Institutional .....	33,643	3,168	36,811	43,280	2,603	45,883	49,231	2,496	51,727
14 Schools and other educational buildings .....	18,099	1,663	19,762	24,731	1,659	26,390	28,425	1,435	29,860
15 Churches and other religious buildings .....	4,300	188	4,488	2,335	56	2,391	1,336	136	1,472
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,928	901	8,829	9,568	471	10,039	12,189	494	12,683
17 Other institutional buildings .....	3,316	416	3,732	6,646	417	7,063	7,281	431	7,712
Other Building Construction .....	22,857	10,455	33,312	33,034	11,997	45,031	27,032	12,332	39,364
18 Farm buildings (excluding dwellings) .....	11,856	9,034	20,890	14,182	10,634	24,816	14,859	10,953	25,812
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,434	87	1,521	12,106	56	12,162	6,856	50	6,906
20 Aeroplane hangars .....	591	239	830	697	250	947	187	254	441
21 Passenger terminals, bus, boat or air .....	—	37	37	176	13	189	60	21	81
22 Armouries, barracks, drill halls, etc. ....	7,225	795	8,020	3,483	825	4,308	3,129	839	3,968
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,451	180	1,631	1,896	184	2,080	695	189	884
24 Other building construction .....	300	83	383	494	35	529	1,246	26	1,272
Total Engineering Construction .....	275,445	47,684	323,129	348,607	53,412	402,019	340,282	52,250	392,532
Marine Construction .....	174	99	273	699	177	876	846	167	1,013
25 Docks, wharves, piers, breakwaters .....	77	38	115	637	105	742	785	98	883
26 Retaining walls, embankments, riprapping .....	32	8	40	3	9	12	23	9	32
27 Canals and waterways .....	15	34	49	—	44	44	—	41	41
28 Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29 Dyke construction .....	—	5	5	2	5	7	—	5	5
30 Logging booms .....	50	14	64	57	14	71	38	14	52
31 Other marine construction .....	—	—	—	—	—	—	—	—	—



**TABLE 27. Alberta — Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>53,458</b>	<b>15,761</b>	<b>69,219</b>	<b>64,250</b>	<b>18,932</b>	<b>83,182</b>	<b>62,097</b>	<b>18,658</b>	<b>80,755</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	17,940	4,216	22,156	37,204	4,129	41,333	36,511	4,409	40,920
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	19,352	8,755	28,107	15,661	11,778	27,439	14,366	11,403	25,769
34 Dirt, clay or other streets, roads, parking lots, etc. ....	4,575	2,435	7,010	4,424	2,119	6,543	3,807	1,924	5,731
35 Grading, scraping, oiling, filling .....	8,376	118	8,494	3,490	570	4,060	3,283	571	3,854
36 Sidewalks, paths .....	2,229	209	2,438	3,103	305	3,408	2,772	321	3,093
37 Aerodromes, landing fields, runways, tarmac .....	986	28	1,014	368	31	399	1,358	30	1,388
<b>Waterworks and Sewage Systems .....</b>	<b>18,167</b>	<b>1,815</b>	<b>19,982</b>	<b>25,497</b>	<b>2,148</b>	<b>27,645</b>	<b>23,022</b>	<b>2,167</b>	<b>25,189</b>
38 Tile drains, drainage ditches, storm sewers .....	6,203	342	6,545	499	82	581	233	74	307
39 Water mains, hydrants and services .....	5,656	1,086	6,742	5,752	1,069	6,821	7,041	1,097	8,138
40 Sewage systems and connections .....	6,098	358	6,456	17,427	872	18,299	15,155	869	16,024
41 Pumping stations, water .....	188	29	217	1,701	124	1,825	190	127	317
42 Water storage tanks .....	22	—	22	118	1	119	403	—	403
<b>Dams and Irrigation .....</b>	<b>6,962</b>	<b>822</b>	<b>7,784</b>	<b>7,846</b>	<b>887</b>	<b>8,733</b>	<b>7,713</b>	<b>1,021</b>	<b>8,734</b>
43 Dams and reservoirs .....	1,256	259	1,515	767	258	1,025	599	382	981
44 Irrigation and land reclamation projects .....	5,706	563	6,269	7,079	629	7,708	7,114	639	7,753
<b>Electric Power Construction .....</b>	<b>15,578</b>	<b>2,000</b>	<b>17,578</b>	<b>19,823</b>	<b>2,319</b>	<b>22,142</b>	<b>19,623</b>	<b>2,595</b>	<b>22,218</b>
45 Electric power generating plants, including water conveying and controlling structures .....	5,998	202	6,200	5,135	263	5,398	5,276	252	5,528
46 Electric transformer stations .....	998	174	1,172	2,265	130	2,395	2,401	147	2,548
47 Power transmission and distribution lines, trolley wires .....	7,627	1,469	9,096	11,235	1,777	13,012	10,699	2,007	12,706
48 Street lighting .....	955	155	1,110	1,188	149	1,337	1,247	189	1,436
<b>Railway, Telephone and Telegraph .....</b>	<b>9,763</b>	<b>15,764</b>	<b>25,527</b>	<b>14,981</b>	<b>15,022</b>	<b>30,003</b>	<b>18,335</b>	<b>12,690</b>	<b>31,025</b>
49 Railway tracks and roadbed .....	4,373	13,632	18,005	8,883	12,903	21,786	10,152	10,759	20,911
50 Signals and interlockers .....	79	319	398	368	517	885	434	477	911
51 Telegraph and telephone lines, underground and marine cables ..	5,311	1,813	7,124	5,730	1,602	7,332	7,749	1,454	9,203
<b>Gas and Oil Facilities .....</b>	<b>159,998</b>	<b>6,824</b>	<b>166,822</b>	<b>202,362</b>	<b>7,359</b>	<b>209,721</b>	<b>193,085</b>	<b>8,344</b>	<b>201,429</b>
52 Gas mains and services .....	2,067	271	2,338	2,211	513	2,724	2,482	564	3,046
53 Pumping stations, oil .....	2,474	220	2,694	1,914	305	2,219	5,253	342	5,595
54 Pumping stations, gas .....	10	10	20	5	7	12	—	9	9
55 Oil storage tanks .....	5,125	312	5,437	6,890	168	7,058	5,205	191	5,396
56 Gas storage tanks .....	—	—	—	67	1	68	97	17	114
57 Oil pipe lines .....	12,563	342	12,905	13,051	401	13,452	8,282	469	8,751
58 Gas pipe lines .....	7,136	472	7,608	12,995	420	13,415	27,105	473	27,578
59 Oil wells .....	103,746	2,148	105,894	135,201	2,842	138,043	109,969	3,355	113,324
60 Gas wells .....	11,148	94	11,242	10,301	91	10,392	13,330	127	13,457
61 Oil refinery — processing units .....	13,386	2,782	16,168	6,044	2,423	8,467	7,777	2,359	10,136
62 Natural gas cleaning plants .....	2,343	173	2,516	13,683	188	13,871	13,585	438	14,023
<b>Other Engineering Construction .....</b>	<b>11,345</b>	<b>4,599</b>	<b>15,944</b>	<b>13,149</b>	<b>6,568</b>	<b>19,717</b>	<b>15,561</b>	<b>6,608</b>	<b>22,169</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	7,789	3,017	10,806	10,191	4,623	14,814	12,189	4,611	16,800
64 Tunnels and subways .....	194	33	227	38	60	98	346	104	450
65 Incinerators .....	21	3	24	—	—	—	—	—	—
66 Park systems, landscaping, sodding, etc. ....	359	182	541	260	179	439	420	176	596
67 Swimming pools, tennis courts, outdoor recreation facilities .....	—	26	26	95	27	122	69	28	97
68 Mine shafts and other below surface workings .....	—	45	45	—	43	43	—	42	42
69 Fences, snowsheds, signs, guard rails .....	881	1,188	2,069	1,117	1,369	2,486	1,054	1,365	2,419
70 Other engineering construction .....	2,101	105	2,206	1,448	267	1,715	1,483	282	1,765



**TABLE 28. British Columbia**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total Value of Construction .....</b>	<b>469,534</b>	<b>112,619</b>	<b>582,153</b>	<b>706,705</b>	<b>123,192</b>	<b>829,897</b>	<b>775,436</b>	<b>122,627</b>	<b>898,063</b>
<b>Total Building Construction .....</b>	<b>297,122</b>	<b>56,675</b>	<b>353,797</b>	<b>350,101</b>	<b>59,903</b>	<b>410,004</b>	<b>361,339</b>	<b>59,364</b>	<b>420,703</b>
<b>Residential .....</b>	<b>168,100</b>	<b>26,400</b>	<b>194,500</b>	<b>173,200</b>	<b>28,100</b>	<b>201,300</b>	<b>138,600</b>	<b>29,500</b>	<b>168,100</b>
1 Dwellings, single, double, duplexes and apartments .....	168,100	26,400	194,500	173,200	28,100	201,300	138,600	29,500	168,100
<b>Industrial .....</b>	<b>38,865</b>	<b>9,251</b>	<b>48,116</b>	<b>66,756</b>	<b>11,276</b>	<b>78,032</b>	<b>79,708</b>	<b>10,079</b>	<b>89,787</b>
2 Factories, plants, workshops, food canneries .....	37,516	7,505	45,021	63,833	8,816	72,649	75,046	7,782	82,828
3 Mine and mine mill buildings .....	566	517	1,083	1,160	367	1,527	1,848	351	2,199
4 Railway stations, offices, roadway buildings .....	443	833	1,276	1,319	1,416	2,735	1,907	1,291	3,198
5 Railway shops, engine houses, water and fuel stations .....	340	396	736	444	677	1,121	907	655	1,562
<b>Commercial .....</b>	<b>34,452</b>	<b>8,331</b>	<b>42,783</b>	<b>45,923</b>	<b>9,185</b>	<b>55,108</b>	<b>66,031</b>	<b>8,193</b>	<b>74,224</b>
6 Warehouses, storehouses, refrigerated storage, etc. ....	7,652	1,273	8,925	8,693	1,226	9,919	14,429	1,355	15,784
7 Grain elevators .....	912	68	980	1,428	478	1,906	260	134	394
8 Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,120	1,693	3,813	1,527	1,570	3,097	1,135	1,416	2,551
9 Office buildings .....	11,053	2,303	13,356	18,204	2,227	20,431	18,939	2,290	21,229
10 Stores, retail and wholesale .....	9,124	1,819	10,943	10,696	2,511	13,207	22,479	2,012	24,491
11 Garages and service stations .....	2,326	799	3,125	3,845	756	4,601	7,140	631	7,771
12 Theatres, arenas, amusement and recreational buildings .....	1,098	221	1,319	1,410	285	1,695	1,603	264	1,867
13 Laundries and dry cleaning establishments .....	167	155	322	120	132	252	46	91	137
<b>Institutional .....</b>	<b>44,780</b>	<b>7,061</b>	<b>51,841</b>	<b>42,486</b>	<b>5,239</b>	<b>47,725</b>	<b>60,961</b>	<b>5,591</b>	<b>66,552</b>
14 Schools and other educational buildings .....	24,865	1,923	26,788	26,584	2,588	29,172	31,037	2,944	33,981
15 Churches and other religious buildings .....	1,486	188	1,674	2,281	160	2,441	2,171	210	2,381
16 Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,403	1,678	12,081	11,546	1,746	13,292	25,300	1,745	27,045
17 Other institutional buildings .....	8,026	3,272	11,298	2,075	745	2,820	2,453	692	3,145
<b>Other Building Construction .....</b>	<b>10,925</b>	<b>5,632</b>	<b>16,557</b>	<b>21,736</b>	<b>6,103</b>	<b>27,839</b>	<b>16,039</b>	<b>6,001</b>	<b>22,040</b>
18 Farm buildings (excluding dwellings) .....	3,252	2,537	5,789	3,528	2,826	6,354	3,761	2,907	6,668
19 Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	998	365	1,363	6,874	418	7,292	5,673	581	6,254
20 Aeroplane hangars .....	172	33	205	325	76	401	1,709	58	1,767
21 Passenger terminals, bus, boat or air .....	48	3	51	302	9	311	488	6	494
22 Armouries, barracks, drill halls, etc. ....	3,260	1,098	4,358	1,439	1,150	2,589	484	1,164	1,648
23 Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,613	1,403	4,016	6,718	1,366	8,084	1,845	1,065	2,910
24 Other building construction .....	582	193	775	2,550	258	2,808	2,079	220	2,299
<b>Total Engineering Construction .....</b>	<b>172,412</b>	<b>55,944</b>	<b>228,356</b>	<b>356,604</b>	<b>63,289</b>	<b>419,893</b>	<b>414,097</b>	<b>63,263</b>	<b>477,360</b>
<b>Marine Construction .....</b>	<b>6,843</b>	<b>2,387</b>	<b>9,230</b>	<b>8,926</b>	<b>2,436</b>	<b>11,362</b>	<b>13,219</b>	<b>2,238</b>	<b>15,457</b>
25 Docks, wharves, piers, breakwaters .....	4,149	1,277	5,426	4,629	1,327	5,956	10,317	1,200	11,517
26 Retaining walls, embankments, riprapping .....	361	62	423	687	13	700	268	10	278
27 Canals and waterways .....	194	—	194	72	—	72	—	—	—
28 Dredging and pile driving .....	1,548	745	2,293	3,046	746	3,792	2,106	743	2,849
29 Dyke construction .....	11	9	20	44	9	53	—	9	9
30 Logging booms .....	345	256	601	161	248	409	111	217	328
31 Other marine construction .....	235	38	273	287	93	380	417	59	476

**TABLE 28. British Columbia - Concluded**  
(Thousands of dollars)

Type of structure	1955			1956			1957		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, Highway and Aerodrome Construction .....</b>	<b>45,995</b>	<b>20,355</b>	<b>66,350</b>	<b>65,367</b>	<b>21,819</b>	<b>87,186</b>	<b>75,986</b>	<b>21,446</b>	<b>97,432</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	22,457	5,242	27,699	21,728	4,164	25,892	31,326	4,152	35,478
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	8,472	7,728	16,200	24,485	9,644	34,129	18,230	9,423	27,653
34 Dirt, clay or other streets, roads, parking lots, etc. ....	6,170	4,718	10,888	9,531	4,140	13,671	11,011	3,948	14,959
35 Grading, scraping, oiling, filling .....	5,036	2,005	7,041	8,407	3,463	11,870	8,627	3,507	12,134
36 Sidewalks, paths .....	2,295	533	2,828	880	280	1,160	952	281	1,233
37 Aerodromes, landing fields, runways, tarmac .....	1,565	129	1,694	336	128	464	5,840	135	5,975
<b>Waterworks and Sewage Systems .....</b>	<b>11,093</b>	<b>3,687</b>	<b>14,780</b>	<b>15,213</b>	<b>4,340</b>	<b>19,553</b>	<b>16,186</b>	<b>5,005</b>	<b>21,191</b>
38 Tile drains, drainage ditches, storm sewers .....	1,251	750	2,001	1,183	707	1,890	1,164	711	1,875
39 Water mains, hydrants and services .....	5,764	2,350	8,114	11,062	2,988	14,050	9,458	3,597	13,055
40 Sewage systems and connections .....	3,413	483	3,896	2,851	540	3,391	5,404	615	6,019
41 Pumping stations, water .....	266	91	357	102	105	207	91	81	172
42 Water storage tanks .....	399	13	412	15	-	15	69	1	70
<b>Dams and Irrigation .....</b>	<b>5,342</b>	<b>314</b>	<b>5,656</b>	<b>21,323</b>	<b>180</b>	<b>21,503</b>	<b>11,838</b>	<b>283</b>	<b>12,121</b>
43 Dams and reservoirs .....	4,446	198	4,644	19,551	108	19,659	9,985	209	10,194
44 Irrigation and land reclamation projects .....	896	116	1,012	1,772	72	1,844	1,853	74	1,927
<b>Electric Power Construction .....</b>	<b>46,431</b>	<b>3,706</b>	<b>50,137</b>	<b>73,123</b>	<b>4,493</b>	<b>77,618</b>	<b>88,160</b>	<b>5,056</b>	<b>93,216</b>
45 Electric power generating plants, including water conveying and controlling structures .....	19,728	588	20,316	27,261	1,098	28,359	44,894	1,109	46,003
46 Electric transformer stations .....	1,207	170	1,377	2,019	99	2,118	2,437	242	2,679
47 Power transmission and distribution lines, trolley wires .....	24,123	2,509	26,632	43,124	2,888	46,012	40,034	3,269	43,303
48 Street lighting .....	1,373	439	1,812	719	410	1,129	795	436	1,231
<b>Railway, Telephone and Telegraph .....</b>	<b>17,560</b>	<b>17,245</b>	<b>34,805</b>	<b>35,428</b>	<b>18,929</b>	<b>54,357</b>	<b>54,076</b>	<b>18,107</b>	<b>72,183</b>
49 Railway tracks and roadbed .....	9,624	13,657	23,281	24,770	14,682	39,452	39,835	13,783	53,618
50 Signals and interlockers .....	82	355	437	341	587	928	631	548	1,179
51 Telegraph and telephone lines, underground and marine cables ..	7,854	3,238	11,087	10,317	3,660	13,977	13,610	3,776	17,386
<b>Gas and Oil Facilities .....</b>	<b>25,130</b>	<b>1,773</b>	<b>26,903</b>	<b>107,209</b>	<b>2,190</b>	<b>109,399</b>	<b>122,583</b>	<b>2,205</b>	<b>124,788</b>
52 Gas mains and services .....	575	118	693	12,381	153	12,534	19,081	172	19,253
53 Pumping stations, oil .....	69	14	83	92	121	213	328	144	472
54 Pumping stations, gas .....	-	37	37	3,013	25	3,038	5,000	29	5,029
55 Oil storage tanks .....	2,005	143	2,148	1,684	207	1,891	3,544	202	3,746
56 Gas storage tanks .....	2	1	3	-	1	1	-	-	-
57 Oil pipe lines .....	391	299	690	246	242	488	54	290	344
58 Gas pipe lines .....	9,284	6	9,290	79,735	-	79,735	66,297	-	66,297
59 Oil wells .....	4,676	44	4,720	5,806	26	5,832	6,369	33	6,402
60 Gas wells .....	1,928	-	1,928	3,041	-	3,041	3,842	-	3,842
61 Oil refinery-processing units .....	6,200	1,111	7,311	1,211	1,415	2,626	3,068	1,335	4,403
62 Natural gas cleaning plants .....	-	-	-	-	-	-	15,000	-	15,000
<b>Other Engineering Construction .....</b>	<b>14,018</b>	<b>6,477</b>	<b>20,495</b>	<b>30,015</b>	<b>8,900</b>	<b>38,915</b>	<b>32,049</b>	<b>8,923</b>	<b>40,972</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	9,757	3,955	13,712	25,197	5,299	30,496	25,722	5,219	30,941
64 Tunnels and subways .....	888	98	986	1,165	58	1,223	2,041	125	2,166
65 Incinerators .....	58	979	1,037	80	11	91	27	12	39
66 Park systems, landscaping, sodding, etc. ....	137	554	691	503	628	1,131	327	813	1,140
67 Swimming pools, tennis courts, outdoor recreation facilities .....	5	23	28	64	7	71	39	16	55
68 Mine shafts and other below surface workings .....	1,754	61	1,815	1,621	74	1,695	1,960	119	2,079
69 Fences, snowsheds, signs, guard rails .....	1,035	743	1,778	400	556	956	433	549	982
70 Other engineering construction .....	384	64	448	985	2,267	3,252	1,500	2,070	3,570



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as

insurance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 81 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 22 of the report "Private and Public Investment in Canada, Outlook 1957".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of production in 1954 of all the firms in each industry by the corresponding 1954 total for the firms reporting in the 1957 survey. In carrying out this procedure it has been assumed that the proportion of production of the reporting establishments in both 1954 and 1957 has not changed significantly during the period and, further, that there is a close relationship between total value of production and expenditures on construction. In the utilities trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 81 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1956 preliminary actual figures and the 1957 forecast estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1956 to 1957 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1955 and 1956 were prepared by Central Mortgage and Housing Corporation. Appraisal of the probable volume of housing construction in 1957 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1957.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1955 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1955 to 1957. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 and 1955 surveys they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages to total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1956 and 1957, an average annual earnings figure was computed from 1955, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.





# CONSTRUCTION IN CANADA

## 1956 - 1958

DOMINION BUREAU OF STATISTICS

General Assignments Division

Forecast Surveys Section





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# CONSTRUCTION IN CANADA

1956 - 1958

*Published by Authority of*

The Honourable Gordon Churchill, Minister of Trade and Commerce





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# CONSTRUCTION IN CANADA

1956 - 1958

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1956 and 1957 and provides estimates of the intended program for 1958. The information given for 1957 is preliminary whereas that shown for 1956 and earlier years is final. The probable volume of construction that will be realized in 1958 can be appraised only in the light of past experience and conditions that will exist during the year. Since 1951, when this series was initiated, the estimates of the intended program for the current year have been from 5 to 10 per cent lower than the final estimates prepared after the year was over, except in 1954 when they were over by 2 per cent. In 1957 the estimate of intended construction was about 4 per cent below the preliminary figure. The more detailed estimates are subject to greater error than the total for Canada.

The statistical problems related to making allowance for non-coverage and non-reponse for individual industries or regions and for the various types of structures present a great many difficulties. Changing plans and problems of respondents in estimating accurately the cost of the structures

also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1958", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as: factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbed.

Also included are statistics on labour content in terms of numbers of persons and value and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's intended construction program for 1958 is estimated at about 1.3 per cent above the 1957 level, a moderate increase when compared with 1957 and 1956, when the values rose 10.4 per cent and 20.2 per cent respectively. The smaller increase in 1958 is due largely to a slowdown in industrial building, which is estimated at 31 per cent below the 1957 level and in pipelines which are expected to be

10 per cent below 1957. Offsetting these decreases are significant advances in outlays for housing and social capital, principally hospitals and municipal waterworks and sewer programs<sup>1</sup>.

1. For a more detailed discussion of the outlook for the construction program and factors likely to affect the realization, see *Private and Public Investment in Canada, Outlook 1958*, Department of Trade and Commerce.

## Value of Construction

The 1958 construction program is estimated at \$7,136 million, about 1.3 per cent above the 1957 level of \$7,048 million. New work is expected to account for \$5,991 million and repair \$1,145 million. The anticipated increase in 1958 of 1.3 per cent is the smallest recorded during the last 10 years. While the construction program is continuing at a very high level, the rate of increase has declined significantly.

Year	Total new and repair construction \$ mill.	% increase over previous year in	
		Value	Volume
1949 .....	2,856	11.1	7.1
1950 .....	3,132	9.7	4.1
1951 .....	3,661	16.9	3.9
1952 .....	4,199	14.7	8.2
1953 .....	4,640	10.5	6.8
1954 .....	4,723	1.8	1.8
1955 .....	5,311	12.4	9.5
1956 .....	6,382	20.2	14.8
1957 .....	7,048	10.4	7.8
1958 .....	7,136	1.3	—



### Construction in Current and Constant Dollars

The volume of construction carried out in 1956 increased almost 15 per cent over 1955 showing the largest percentage increase during the ten year period 1949 to 1958. Preliminary estimates for 1957 indicate an increase of 7.8 per cent, smaller than for the previous year but still a substantial advance. In both current and constant dollars most of the

Increases have occurred in new construction, repair work showing relatively little change.

As illustrated in Table 1, the construction industry in 1957 continued its importance in the economy by accounting for over one-fifth of the Gross National Product.

**TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars 1949-1958<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	\$ Mill						Percent	
1949 .....	2,124	2,124	732	732	2,856	2,856	17.3	17.5
1950 .....	2,366	2,247	766	727	3,132	2,974	17.2	17.2
1951 .....	2,734	2,308	927	783	3,661	3,091	17.0	16.9
1952 .....	3,282	2,616	916	730	4,198	3,346	18.0	17.1
1953 .....	3,666	2,824	974	749	4,640	3,573	19.0	17.6
1954 .....	3,700	2,852	1,023	787	4,723	3,639	19.6	18.5
1955 .....	4,270	3,206	1,041	779	5,311	3,985	19.8	18.5
1956 .....	5,300	3,799	1,082	776	6,382	4,575	21.1	19.4
1957 .....	5,919	4,143	1,129	790	7,048	4,933	22.4	20.9
1958 .....	5,991	—	1,145	—	7,136	—	—	—

1. Actual 1949-56, preliminary actual 1957, intentions 1958

### Value of Work Done by Contract

The following table illustrates that contractors are continuing to account for approximately 75 per cent of construction work each year. During periods when the amounts spent on construction are expanding rapidly, contractors receive a more than proportionate share of the increase; Industry on the other hand, are hesitant to increase their own labour

forces. Substantial increases during the 1956-57 period were for the construction of pipelines, electric generating stations and the St. Lawrence Seaway, and since these structures are generally one-time expenditures, the work is usually done by contractors rather than by the labour forces of the utility companies that will be operating the facilities.

**TABLE 2. Value of Construction Work Performed, by Contractors and Others 1954-1958<sup>1</sup>**

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1954 .....	3,011	371	3,382	689	652	1,341	3,700	1,023	4,723
1955 .....	3,484	392	3,876	786	649	1,435	4,270	1,041	5,311
1956 .....	4,332	420	4,752	968	662	1,630	5,300	1,082	6,382
1957 .....	4,924	439	5,363	995	690	1,685	5,919	1,129	7,048
1958 .....	4,986	451	5,437	1,005	694	1,699	5,991	1,145	7,136

1. Actual 1954-56, preliminary 1957, intentions 1958.

2. Represents work done by the labour forces of utilities, manufacturing, mining and logging firms and government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

### Principal Types of Construction

In total, construction in 1958 is not expected to be greatly increased over 1957 largely due to an anticipated decline of \$194 million in industrial building and \$81 million for gas and oil facilities. Other categories, however, show substantial in-

creases. The largest is expected to occur in housing which shows an expected rise of \$237 million. Institutions indicate an increase of \$73 million and waterworks and sewers an increase of \$59 million.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction, 1954-1958<sup>1</sup>**

	1954		1955		1956		1957		1958	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction .....</b>	<b>4,723</b>	<b>100.0</b>	<b>5,311</b>	<b>100.0</b>	<b>6,382</b>	<b>100.0</b>	<b>7,048</b>	<b>100.0</b>	<b>7,136</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>2,914</b>	<b>61.7</b>	<b>3,378</b>	<b>63.6</b>	<b>3,818</b>	<b>59.8</b>	<b>3,775</b>	<b>53.6</b>	<b>3,873</b>	<b>54.3</b>
Residential .....	1,400	29.6	1,737	32.7	1,830	28.7	1,685	23.9	1,922	26.9
Industrial .....	364	7.7	398	7.5	604	9.5	617	8.8	423	5.9
Commercial .....	546	11.6	514	9.7	571	8.9	710	10.1	675	9.5
Institutional .....	377	8.0	464	8.7	455	7.1	503	7.1	576	8.1
Other building .....	227	4.8	265	5.0	358	5.6	260	3.7	277	3.9
<b>Total engineering .....</b>	<b>1,809</b>	<b>38.3</b>	<b>1,933</b>	<b>36.4</b>	<b>2,564</b>	<b>40.2</b>	<b>3,273</b>	<b>46.4</b>	<b>3,263</b>	<b>45.7</b>
Marine construction .....	72	1.5	76	1.4	118	1.8	157	2.2	155	2.2
Road highway and aerodrome construction .....	473	10.0	519	9.8	618	9.7	742	10.5	740	10.4
Waterworks and sewage systems ....	183	3.9	149	2.8	184	2.9	202	2.9	261	3.7
Dams and irrigation .....	33	0.7	39	0.7	68	1.1	64	0.9	44	0.6
Electric power construction .....	322	6.8	338	6.4	455	7.1	564	8.0	565	7.9
Railway, telephone and telegraph construction .....	295	6.3	313	5.9	363	5.7	411	5.8	431	6.0
Gas and oil facilities .....	270	5.7	339	6.4	531	8.3	807	11.5	726	10.1
Other engineering construction .....	161	3.4	160	3.0	227	3.6	326	4.6	341	4.8

1. Actual 1954-56, preliminary actual 1957, intentions 1958.

### Labour and Material Content

The information shown in Tables 5 and 6 in this report does not follow the same concepts as that shown in earlier publications, but the information for the years 1954 and 1955 has been revised so that data for all years shown are comparable. The procedures used in making these estimates are outlined on page 45. It is estimated that 614,067

full-time workers would be required to carry out the 1958 construction program and that the value of this labour would be \$2,371 million or 33 per cent of the total value of work. The estimated costs of material required for the program is \$3,439 million, about 48 per cent of the total. This proportion has remained relatively constant over the past five years.

TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1954-1958<sup>1</sup>

Type of structure	1954	1955	1956	1957	1958
Thousands of dollars					
<b>Total value of construction .....</b>	<b>4, 723, 367</b>	<b>5, 310, 629</b>	<b>6, 382, 356</b>	<b>7, 047, 969</b>	<b>7, 136, 139</b>
<b>Total building construction .....</b>	<b>2, 913, 891</b>	<b>3, 377, 805</b>	<b>3, 818, 256</b>	<b>3, 775, 141</b>	<b>3, 873, 428</b>
<b>Residential .....</b>	<b>1, 399, 900</b>	<b>1, 737, 300</b>	<b>1, 830, 400</b>	<b>1, 685, 000</b>	<b>1, 922, 000</b>
1. Dwellings, single, double, duplexes and apartments .....	1, 399, 900	1, 737, 300	1, 830, 400	1, 685, 000	1, 922, 000
<b>Industrial .....</b>	<b>364, 476</b>	<b>398, 087</b>	<b>604, 077</b>	<b>617, 218</b>	<b>422, 722</b>
2. Factories, plants, workshops, food canneries .....	301, 338	337, 126	476, 900	465, 966	331, 668
3. Mine and mine mill buildings .....	31, 630	32, 867	89, 341	110, 615	43, 427
4. Railway stations, offices, roadway buildings .....	17, 070	15, 800	22, 012	23, 572	24, 512
5. Railway shops, engine houses, water and fuel stations .....	14, 438	12, 294	15, 824	17, 065	23, 115
<b>Commercial .....</b>	<b>546, 339</b>	<b>513, 491</b>	<b>571, 294</b>	<b>710, 024</b>	<b>675, 205</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	93, 641	83, 698	89, 743	87, 102	81, 772
7. Grain elevators .....	19, 118	15, 754	18, 697	18, 104	27, 813
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	30, 690	32, 830	51, 156	73, 615	58, 563
9. Office buildings .....	172, 968	151, 797	183, 616	249, 690	260, 993
10. Stores, retail and wholesale .....	174, 607	167, 812	140, 397	186, 721	165, 004
11. Garages and service stations .....	35, 940	39, 601	56, 269	56, 718	54, 858
12. Theatres, arenas, amusement and recreational buildings ..	17, 521	20, 006	29, 222	36, 072	23, 676
13. Laundries and dry cleaning establishments .....	1, 854	1, 993	2, 194	2, 002	2, 526
<b>Institutional .....</b>	<b>376, 532</b>	<b>463, 732</b>	<b>454, 982</b>	<b>503, 156</b>	<b>576, 069</b>
14. Schools and other educational buildings .....	175, 734	222, 008	229, 887	278, 854	298, 095
15. Churches and other religious buildings .....	38, 466	40, 536	41, 259	44, 260	39, 680
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	121, 515	146, 368	134, 868	139, 103	188, 308
17. Other institutional buildings .....	40, 817	54, 820	48, 968	40, 939	49, 986
<b>Other building construction .....</b>	<b>226, 644</b>	<b>265, 195</b>	<b>357, 503</b>	<b>259, 743</b>	<b>277, 432</b>
18. Farm buildings (excluding dwellings) .....	130, 860	138, 294	157, 458	143, 714	145, 781
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	20, 235	26, 738	87, 226	47, 549	45, 524
20. Aeroplane hangars .....	12, 178	6, 863	9, 299	9, 846	13, 290
21. Passenger terminals, bus, boat or air .....	1, 031	1, 669	4, 553	523	20, 984
22. Armouries, barracks, drill halls, etc. ....	35, 886	66, 152	43, 549	27, 331	24, 751
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	10, 722	17, 365	31, 387	20, 486	12, 464
24. Other building construction .....	15, 732	8, 114	24, 031	10, 294	14, 638
<b>Total engineering construction .....</b>	<b>1, 809, 476</b>	<b>1, 932, 824</b>	<b>2, 564, 100</b>	<b>3, 272, 828</b>	<b>3, 262, 711</b>
<b>Marine construction .....</b>	<b>72, 443</b>	<b>76, 222</b>	<b>117, 570</b>	<b>156, 673</b>	<b>154, 953</b>
25. Docks, wharves, piers, breakwaters .....	39, 606	29, 561	37, 989	44, 684	48, 818
26. Retaining walls, embankments, riprapping .....	2, 390	2, 553	2, 395	3, 131	4, 899
27. Canals and waterways .....	6, 373	4, 908	22, 427	63, 544	25, 848
28. Dredging and pile driving .....	17, 025	19, 488	20, 847	39, 284	72, 034
29. Dyke construction .....	1, 281	5, 679	17, 796	145	172
30. Logging booms .....	1, 519	3, 675	2, 619	1, 620	1, 026
31. Other marine construction .....	4, 249	10, 358	13, 497	4, 265	2, 156

1. Actual 1954-1956, Preliminary Actual 1957, Intentions 1958.



**TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1954-1958<sup>1</sup> - Concluded**

Type of structure	1954	1955	1956	1957	1958
Thousands of dollars					
<b>Road, highway and aerodrome construction .....</b>	<b>473,424</b>	<b>519,259</b>	<b>618,038</b>	<b>741,773</b>	<b>739,681</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	207,575	237,915	304,152	437,375	429,662
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	129,228	153,008	199,808	123,538	138,493
34. Dirt, clay or other streets, roads, parking lots, etc. ....	33,431	55,518	54,421	109,881	110,669
35. Grading, scraping, oiling, filling .....	73,483	39,894	30,050	13,475	9,741
36. Sidewalks, paths .....	22,074	17,001	16,448	20,145	20,769
37. Aerodromes, landing fields, runways, tarmac .....	7,633	15,923	13,159	37,359	30,347
<b>Waterworks and sewage systems .....</b>	<b>183,457</b>	<b>148,648</b>	<b>184,113</b>	<b>202,210</b>	<b>260,737</b>
38. Tile drains, drainage ditches, storm sewers .....	30,127	27,223	21,332	18,107	17,573
39. Water mains, hydrants and services .....	71,289	57,854	71,344	77,676	94,823
40. Sewage systems and connections .....	73,990	54,373	77,511	95,613	133,459
41. Pumping stations, water .....	3,753	5,669	11,811	8,678	8,481
42. Water storage tanks .....	4,298	3,529	2,115	2,136	6,401
<b>Dams and irrigation .....</b>	<b>32,845</b>	<b>38,949</b>	<b>67,547</b>	<b>64,308</b>	<b>44,408</b>
43. Dams and reservoirs .....	20,911	25,795	51,206	46,433	24,040
44. Irrigation and land reclamation projects .....	11,934	13,154	16,341	17,875	20,368
<b>Electric power construction .....</b>	<b>321,870</b>	<b>338,035</b>	<b>454,561</b>	<b>564,297</b>	<b>564,692</b>
45. Electric power generating plants, including water conveying and controlling structures .....	153,041	123,818	212,035	290,869	293,119
46. Electric transformer stations .....	16,295	33,641	44,152	51,648	54,128
47. Power transmission and distribution lines, trolley wires .....	146,884	170,914	189,740	212,412	207,823
48. Street lighting .....	5,650	9,662	8,634	9,368	9,622
<b>Railway, telephone and telegraph .....</b>	<b>294,824</b>	<b>312,498</b>	<b>363,401</b>	<b>410,428</b>	<b>430,819</b>
49. Railway tracks and roadbed .....	185,162	194,618	232,979	263,937	264,788
50. Signals and interlockers .....	8,232	6,284	9,875	10,667	10,403
51. Telegraph and telephone lines, underground and marine cables .....	101,430	111,596	120,547	135,824	155,628
<b>Gas and oil facilities .....</b>	<b>269,787</b>	<b>339,104</b>	<b>531,489</b>	<b>807,308</b>	<b>726,283</b>
52. Gas mains and services .....	7,313	14,436	38,472	67,142	75,282
53. Pumping stations, oil .....	8,669	4,947	7,075	15,713	7,501
54. Pumping stations, gas .....	1,048	755	4,776	16,679	283
55. Oil storage tanks .....	15,944	17,805	20,407	23,286	19,204
56. Gas storage tanks .....	3,139	1,627	3,450	3,002	2,263
57. Oil pipe lines .....	49,520	23,264	33,325	76,900	128,692
58. Gas pipe lines .....	14,254	26,503	132,893	255,038	125,459
59. Oil wells .....	89,777	146,144	191,092	177,252	176,856
60. Gas wells .....	8,518	14,605	11,612	26,385	28,249
61. Oil refinery - processing units .....	68,451	86,484	76,657	110,242	137,875
62. Natural gas cleaning plants .....	3,154	2,534	11,730	35,669	24,619
<b>Other engineering construction .....</b>	<b>160,826</b>	<b>160,109</b>	<b>227,381</b>	<b>325,831</b>	<b>341,138</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	78,243	86,567	122,005	168,940	206,013
64. Tunnels and subways .....	8,011	3,290	3,340	43,273	49,825
65. Incinerators .....	5,552	1,664	4,781	17,043	7,508
66. Park systems, landscaping, sodding, etc. ....	9,929	6,042	6,941	9,400	14,539
67. Swimming pools, tennis courts, outdoor recreation facilities .....	5,636	1,623	2,373	2,061	2,723
68. Mine shafts and other below surface workings .....	22,270	24,885	47,836	48,942	28,328
69. Fences, snowsheds, signs, guard rails .....	16,785	17,752	18,681	15,698	16,200
70. Other engineering construction .....	14,400	18,286	21,424	20,474	16,002

1. Actual 1954-1956, Preliminary Actual 1957, Intentions 1958.

**TABLE 5. Labour Content and Cost of Materials Used 1954-1958<sup>1</sup>**  
By Provinces

Province	Labour Content		Cost of Materials Used	Value of Work Performed
	No.	Value		
		Thousands of dollars		
Canada:				
1954 .....	518,186	1,680,132	2,194,810	4,723,367
1955 .....	534,018	1,787,319	2,540,914	5,310,629
1956 .....	585,987	2,115,806	3,074,839	6,381,700
1957 .....	603,458	2,350,699	3,375,359	7,048,300
1958 .....	614,067	2,370,739	3,438,382	7,136,700
Newfoundland:				
1954 .....	9,778	26,639	30,702	67,372
1955 .....	10,045	28,393	35,796	77,659
1956 .....	11,018	34,851	32,342	82,300
1957 .....	10,605	34,621	32,869	81,800
1958 .....	11,793	38,643	36,134	91,200
Prince Edward Island:				
1954 .....	2,245	4,921	5,900	15,589
1955 .....	2,418	5,359	7,249	17,179
1956 .....	2,248	6,441	9,070	19,200
1957 .....	1,899	5,790	8,067	17,300
1958 .....	2,353	7,105	10,072	21,900
Nova Scotia:				
1954 .....	19,049	49,791	62,510	136,018
1955 .....	17,993	48,278	70,308	142,228
1956 .....	19,515	56,796	76,961	160,700
1957 .....	18,040	53,689	72,798	152,200
1958 .....	20,540	62,655	87,454	180,600
New Brunswick:				
1954 .....	14,897	38,476	59,795	110,975
1955 .....	19,539	52,249	73,463	154,029
1956 .....	20,130	57,775	89,691	167,500
1957 .....	17,402	51,633	78,008	147,100
1958 .....	18,065	53,665	81,291	152,800
Quebec:				
1954 .....	135,102	415,441	559,341	1,160,447
1955 .....	132,566	419,834	652,895	1,306,593
1956 .....	146,243	487,400	773,353	1,524,200
1957 .....	147,994	531,206	836,968	1,662,400
1958 .....	145,869	521,817	826,669	1,636,100
Ontario:				
1954 .....	183,134	611,897	792,362	1,699,764
1955 .....	187,914	650,722	898,727	1,869,335
1956 .....	194,953	730,372	1,058,371	2,162,100
1957 .....	210,045	858,019	1,230,250	2,522,600
1958 .....	224,508	915,028	1,322,487	2,705,700
Manitoba:				
1954 .....	27,381	83,796	116,945	240,977
1955 .....	29,275	90,679	123,789	257,433
1956 .....	31,200	104,174	146,596	304,300
1957 .....	30,819	116,769	156,020	334,200
1958 .....	32,153	120,863	162,967	345,500

1. Actual 1954-56, Preliminary 1957, Intentions, 1958.

**TABLE 5. Labour Content and Cost of Materials Used 1954-1958<sup>1</sup>**  
By Provinces — Concluded

Province	Labour Content		Cost of Materials Used	Value of Work Performed
	No.	Value		
		Thousands of dollars		
Saskatchewan:				
1954 .....	30,656	100,784	125,626	291,521
1955 .....	27,556	91,677	131,271	280,415
1956 .....	29,636	109,793	168,463	365,100
1957 .....	27,684	113,473	176,628	379,300
1958 .....	27,285	111,173	175,193	372,700
Alberta:				
1954 .....	50,934	172,931	247,360	550,258
1955 .....	52,641	187,267	284,492	623,605
1956 .....	59,688	223,992	322,347	725,600
1957 .....	60,170	221,744	312,631	713,300
1958 .....	67,923	250,599	353,975	804,700
British Columbia:				
1954 .....	45,010	175,456	194,269	450,446
1955 .....	54,071	212,861	262,924	582,153
1956 .....	71,356	304,212	397,645	870,700
1957 .....	78,800	363,755	471,120	1,038,100
1958 .....	63,578	289,191	382,140	825,500

1. Actual 1954-56, Preliminary 1957, Intentions, 1958.

**TABLE 6. Labour Content and Cost of Materials Used 1954-1958<sup>1</sup>**  
By Contractors and Others

Type	Labour Content		Cost of Materials Used	Value of Work Performed
	No.	Value		
	Thousands of dollars			
Total:				
1954 .....	518,186	1,680,132	2,194,810	4,723,367
1955 .....	534,018	1,787,319	2,540,914	5,310,629
1956 .....	585,987	2,115,806	3,074,839	6,381,700
1957 .....	603,458	2,350,699	3,375,359	7,048,300
1958 .....	614,067	2,370,739	3,438,382	7,136,700
Contractors:				
1954 .....	321,525	1,101,370	1,599,498	3,381,630
1955 .....	343,322	1,213,022	1,867,575	3,875,878
1956 .....	389,119	1,477,616	2,328,558	4,767,050
1957 .....	407,429	1,668,491	2,606,568	5,354,594
1958 .....	414,427	1,682,022	2,665,821	5,430,348
Utilities:				
1954 .....	77,137	243,910	244,013	537,576
1955 .....	75,707	239,877	305,097	602,942
1956 .....	76,601	271,271	353,771	699,786
1957 .....	74,855	289,072	363,471	730,511
1958 .....	77,506	296,906	373,864	750,876
Governments:				
1954 .....	68,724	179,767	141,983	383,558
1955 .....	61,176	167,492	131,285	361,725
1956 .....	65,698	191,629	138,478	414,271
1957 .....	70,103	218,164	158,398	474,411
1958 .....	73,854	229,620	165,304	495,550
Others:				
1954 .....	50,800	155,085	209,316	420,603
1955 .....	53,813	106,928	236,957	470,084
1956 .....	54,569	175,290	254,032	500,593
1957 .....	51,071	174,972	246,922	488,784
1958 .....	48,280	162,191	233,393	459,926

1. Actual 1954-56, Preliminary 1957, Intentions 1958.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1956-58<sup>1</sup>

TABLE 7. By Type of Structure New and Repair

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>5,300,069</b>	<b>1,082,287</b>	<b>6,382,356</b>	<b>5,919,403</b>	<b>1,128,566</b>	<b>7,047,969</b>	<b>5,991,321</b>	<b>1,144,818</b>	<b>7,136,139</b>
<b>Total building construction .....</b>	<b>3,204,432</b>	<b>613,824</b>	<b>3,818,256</b>	<b>3,163,419</b>	<b>611,722</b>	<b>3,775,141</b>	<b>3,245,186</b>	<b>628,242</b>	<b>3,873,428</b>
<b>Residential .....</b>	<b>1,574,900</b>	<b>255,500</b>	<b>1,830,400</b>	<b>1,415,000</b>	<b>270,000</b>	<b>1,685,000</b>	<b>1,636,000</b>	<b>286,000</b>	<b>1,922,000</b>
1. Dwellings, single, double, duplexes and apartments .....	1,574,900	255,500	1,830,400	1,415,000	270,000	1,685,000	1,636,000	286,000	1,922,000
<b>Industrial .....</b>	<b>487,422</b>	<b>116,655</b>	<b>604,077</b>	<b>501,397</b>	<b>115,821</b>	<b>617,218</b>	<b>309,588</b>	<b>113,134</b>	<b>422,722</b>
2. Factories, plants, workshops, food canneries .....	389,443	87,457	476,900	380,514	85,452	465,966	248,539	83,129	331,668
3. Mine and mine mill buildings .....	81,690	7,651	89,341	103,543	7,072	110,615	36,275	7,152	43,427
4. Railway stations, offices, roadway buildings .....	9,595	12,417	22,012	9,881	13,691	23,572	11,068	13,444	24,512
5. Railway shops, engine houses, water and fuel stations .....	6,694	9,130	15,824	7,459	9,606	17,065	13,706	9,409	23,115
<b>Commercial .....</b>	<b>480,214</b>	<b>91,080</b>	<b>571,294</b>	<b>618,943</b>	<b>91,081</b>	<b>710,024</b>	<b>583,087</b>	<b>92,118</b>	<b>675,205</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	78,067	11,676	89,743	74,160	12,942	87,102	68,980	12,792	81,772
7. Grain elevators .....	12,785	5,912	18,697	12,154	5,950	18,104	21,373	6,440	27,813
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	39,714	11,442	51,156	60,422	13,193	73,615	44,928	13,635	58,563
9. Office buildings .....	154,577	29,039	183,616	222,140	27,550	249,690	235,031	25,962	260,993
10. Stores, retail and wholesale .....	117,904	22,493	140,397	165,699	21,022	186,721	141,829	23,175	165,004
11. Garages and service stations .....	48,967	7,302	56,269	49,863	6,855	56,718	48,054	6,804	54,858
12. Theatres, arenas, amusement and recreational buildings .....	26,781	2,441	29,222	33,316	2,756	36,072	21,174	2,502	23,676
13. Laundries and dry cleaning establishments .....	1,419	775	2,194	1,189	813	2,002	1,718	808	2,526
<b>Institutional .....</b>	<b>396,416</b>	<b>58,566</b>	<b>454,982</b>	<b>450,707</b>	<b>52,449</b>	<b>503,156</b>	<b>523,158</b>	<b>52,911</b>	<b>576,069</b>
14. Schools and other educational buildings ..	206,243	23,644	229,887	254,220	24,634	278,854	271,389	26,706	298,095
15. Churches and other religious buildings ....	34,697	6,562	41,259	38,179	6,081	44,260	33,825	5,855	39,680
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	118,607	16,261	134,868	124,343	14,760	139,103	174,278	14,030	188,308
17. Other institutional buildings .....	36,869	12,099	48,968	33,965	6,974	40,939	43,666	6,320	49,986
<b>Other building construction .....</b>	<b>265,480</b>	<b>92,023</b>	<b>357,503</b>	<b>177,372</b>	<b>82,371</b>	<b>259,743</b>	<b>193,353</b>	<b>84,079</b>	<b>277,432</b>
18. Farm buildings (excluding dwellings) .....	91,740	65,718	157,458	84,107	59,607	143,714	85,522	60,259	145,781
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	85,099	2,127	87,226	46,026	1,523	47,549	43,892	1,632	45,524
20. Aeroplane hangars .....	7,438	1,861	9,299	7,694	2,152	9,846	11,394	1,896	13,290
21. Passenger terminals, bus, boat or air .....	4,431	122	4,553	404	119	523	20,748	236	20,984
22. Armouries, barracks, drill halls, etc. ....	30,102	13,447	43,549	14,820	12,511	27,331	11,305	13,446	24,751
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	26,261	5,126	31,387	15,968	4,518	20,486	7,803	4,661	12,464
24. Other building construction .....	20,409	3,622	24,031	8,353	1,941	10,294	12,689	1,949	14,638
<b>Total engineering construction .....</b>	<b>2,095,637</b>	<b>468,463</b>	<b>2,564,100</b>	<b>2,755,984</b>	<b>516,844</b>	<b>3,272,828</b>	<b>2,746,135</b>	<b>516,576</b>	<b>3,262,711</b>
<b>Marine construction .....</b>	<b>103,222</b>	<b>14,348</b>	<b>117,570</b>	<b>144,139</b>	<b>12,534</b>	<b>156,673</b>	<b>142,903</b>	<b>12,050</b>	<b>154,953</b>
25. Docks, wharves, piers, breakwaters .....	30,318	7,671	37,989	37,455	7,229	44,684	41,780	7,038	48,818
26. Retaining walls, embankments, riprapping ..	1,517	878	2,395	2,352	779	3,131	4,071	828	4,899
27. Canals and waterways .....	21,269	1,158	22,427	62,446	1,098	63,544	24,669	1,179	25,848
28. Dredging and pile driving .....	18,777	2,070	20,847	37,749	1,535	39,284	70,907	1,127	72,034
29. Dyke construction .....	17,563	233	17,796	7	138	145	22	150	172
30. Logging booms .....	1,613	1,006	2,619	716	904	1,620	275	751	1,026
31. Other marine construction .....	12,165	1,332	13,497	3,414	851	4,265	1,179	977	2,156

1. Actual 1956, Preliminary Actual 1957, Intentions 1958.

TABLE 7. By Type of Structure New and Repair — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction ....</b>	<b>457,991</b>	<b>160,047</b>	<b>618,038</b>	<b>554,920</b>	<b>186,853</b>	<b>741,773</b>	<b>557,221</b>	<b>182,460</b>	<b>739,681</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	244,598	59,554	304,152	341,555	95,820	437,375	339,066	90,596	429,662
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	128,042	71,766	199,808	63,084	60,454	123,538	77,493	61,000	138,493
34. Dirt, clay or other streets, roads, parking lots, etc. ....	33,992	20,429	54,421	86,661	23,220	109,881	87,543	23,126	110,669
35. Grading, scraping, oiling, filling ....	25,533	4,517	30,050	10,438	3,037	13,475	6,598	3,143	9,741
36. Sidewalks, paths ....	13,366	3,082	16,448	16,491	3,654	20,145	16,858	3,911	20,769
37. Aerodromes, landing fields, runways, tarmac	12,460	699	13,159	36,691	668	37,359	29,663	684	30,347
<b>Waterworks and sewage systems ....</b>	<b>158,518</b>	<b>25,595</b>	<b>184,113</b>	<b>174,234</b>	<b>27,976</b>	<b>202,210</b>	<b>231,793</b>	<b>28,944</b>	<b>260,737</b>
38. Tile drains, drainage ditches, storm sewers	15,221	6,111	21,332	11,155	6,952	18,107	10,539	7,034	17,573
39. Water mains, hydrants and services ....	58,264	13,080	71,344	63,883	13,793	77,676	80,238	14,585	94,823
40. Sewage systems and connections ....	72,083	5,428	77,511	89,359	6,254	95,613	127,327	6,132	133,459
41. Pumping stations, water ....	10,900	911	11,811	7,821	857	8,678	7,738	743	8,481
42. Water storage tanks ....	2,050	65	2,115	2,016	120	2,136	5,951	450	6,401
<b>Dams and irrigation ....</b>	<b>62,753</b>	<b>4,794</b>	<b>67,547</b>	<b>58,983</b>	<b>5,325</b>	<b>64,308</b>	<b>39,128</b>	<b>5,280</b>	<b>44,408</b>
43. Dams and reservoirs ....	49,152	2,054	51,206	43,871	2,562	46,433	21,742	2,298	24,040
44. Irrigation and land reclamation projects ....	13,601	2,740	16,341	15,112	2,763	17,875	17,386	2,982	20,368
<b>Electric power construction ....</b>	<b>414,958</b>	<b>39,603</b>	<b>454,561</b>	<b>523,322</b>	<b>40,975</b>	<b>564,297</b>	<b>521,282</b>	<b>43,410</b>	<b>564,692</b>
45. Electric power generating plants, including water conveying and controlling structures ....	203,540	8,495	212,035	282,452	8,417	290,869	284,695	8,424	293,119
46. Electric transformer stations ....	40,076	4,076	44,152	46,752	4,896	51,648	48,898	5,230	54,128
47. Power transmission and distribution lines, trolley wires ....	165,593	24,147	189,740	187,650	24,762	212,412	180,999	26,824	207,823
48. Street lighting ....	5,749	2,885	8,634	6,468	2,900	9,368	6,690	2,932	9,622
<b>Railway, telephone and telegraph ....</b>	<b>215,358</b>	<b>148,043</b>	<b>363,401</b>	<b>247,675</b>	<b>162,753</b>	<b>410,428</b>	<b>268,877</b>	<b>161,942</b>	<b>430,819</b>
49. Railway tracks and roadbed ....	121,788	111,191	232,979	140,150	123,787	263,937	143,698	121,090	264,788
50. Signals and interlockers ....	4,842	5,033	9,875	5,078	5,589	10,667	4,987	5,416	10,403
51. Telegraph and telephone lines, underground and marine cables ....	88,728	31,819	120,547	102,447	33,377	135,824	120,192	35,436	155,628
<b>Gas and oil facilities ....</b>	<b>499,021</b>	<b>32,468</b>	<b>531,489</b>	<b>772,877</b>	<b>34,431</b>	<b>807,308</b>	<b>690,644</b>	<b>35,639</b>	<b>726,283</b>
52. Gas mains and services ....	35,712	2,760	38,472	64,508	2,634	67,142	73,232	2,050	75,282
53. Pumping stations, oil ....	5,797	1,278	7,075	14,003	1,710	15,713	5,761	1,740	7,501
54. Pumping stations, gas ....	4,682	94	4,776	16,616	63	16,679	118	165	283
55. Oil storage tanks ....	18,866	1,541	20,407	21,789	1,497	23,286	17,800	1,404	19,204
56. Gas storage tanks ....	2,889	561	3,450	2,411	591	3,002	1,510	753	2,263
57. Oil pipe lines ....	32,184	1,141	33,325	75,424	1,476	76,900	127,230	1,462	128,692
58. Gas pipe lines ....	132,251	642	132,893	254,740	298	255,038	124,897	562	125,459
59. Oil wells ....	186,807	4,285	191,092	171,789	5,463	177,252	171,077	5,779	176,856
60. Gas wells ....	11,395	217	11,612	25,832	553	26,385	27,929	320	28,249
61. Oil refinery — processing units ....	56,898	19,759	76,657	90,675	19,567	110,242	117,807	20,068	137,875
62. Natural gas cleaning plants ....	11,540	190	11,730	35,090	579	35,669	23,283	1,336	24,619
<b>Other engineering construction ....</b>	<b>183,816</b>	<b>43,565</b>	<b>227,381</b>	<b>279,834</b>	<b>45,997</b>	<b>325,831</b>	<b>294,287</b>	<b>46,851</b>	<b>341,138</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	97,733	24,272	122,005	144,796	24,144	168,940	181,603	24,410	206,013
64. Tunnels and subways ....	3,041	299	3,340	42,844	429	43,273	49,067	758	49,825
65. Incinerators ....	4,503	278	4,781	16,767	276	17,043	7,206	302	7,508
66. Park systems, landscaping, sodding, etc.	3,958	2,983	6,941	6,153	3,247	9,400	11,192	3,347	14,539
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,842	531	2,373	1,604	457	2,061	2,274	449	2,723
68. Mine shafts and other below surface workings ....	45,508	2,328	47,836	45,895	3,047	48,942	25,015	3,313	28,328
69. Fences, snowsheds, signs, guard rails ....	8,579	10,102	18,681	7,036	8,662	15,698	7,472	8,728	16,200
70. Other engineering construction ....	18,652	2,772	21,424	14,739	5,735	20,474	10,458	5,544	16,002



TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1956 to 1957		Change 1956 to 1957		Type of structure	Change 1956 to 1957		Change 1956 to 1957	
	\$ Mill	%	\$ Mill	%		\$ Mill	%	\$ Mill	%
<b>Total value of construction .....</b>	<b>666</b>	<b>10.4</b>	<b>88</b>	<b>1.3</b>	<b>Road, highway and aerodrome construction ....</b>	<b>124</b>	<b>20.0</b>	<b>- 2</b>	<b>- 0.3</b>
<b>Total building construction .....</b>	<b>- 43</b>	<b>- 1.1</b>	<b>98</b>	<b>2.6</b>	32. Hard surfaced or paved streets, highways, parking lots, etc. ....	133	-	- 8	-
<b>Residential .....</b>	<b>- 145</b>	<b>- 7.9</b>	<b>237</b>	<b>14.1</b>	33. Gravel or stone streets, highways, roads, parking lots, etc. ....	- 76	-	15	-
1. Dwellings, single, double, duplexes and apartments .....	- 145	-	237	-	34. Dirt, clay or other streets, roads, parking lots, etc. ....	55	-	1	-
<b>Industrial .....</b>	<b>13</b>	<b>2.2</b>	<b>- 194</b>	<b>- 31.5</b>	35. Grading, scraping, oiling, filling .....	- 17	-	- 4	-
2. Factories, plants, workshops, food canneries .....	- 11	-	- 134	-	36. Sidewalks, paths .....	4	-	1	-
3. Mine and mine mill buildings .....	21	-	- 67	-	37. Aerodromes, landing fields, runways, tarmac .....	24	-	- 7	-
4. Railway stations, offices, roadway buildings .....	2	-	1	-	<b>Waterworks and sewage systems .....</b>	<b>18</b>	<b>9.8</b>	<b>59</b>	<b>28.9</b>
5. Railway shops, engine houses, water and fuel stations .....	1	-	6	-	38. Tile drains, drainage ditches, storm sewers .....	- 3	-	- 1	-
<b>Commercial .....</b>	<b>139</b>	<b>24.3</b>	<b>- 35</b>	<b>- 4.9</b>	39. Water mains, hydrants and services .....	6	-	17	-
6. Warehouses, storehouses, refrigerated stor- age, etc. ....	- 3	-	- 5	-	40. Sewage systems and connections .....	18	-	38	-
7. Grain elevators .....	- 1	-	10	-	41. Pumping stations, water .....	- 3	-	0	-
8. Hotels, clubs, restaurants, cafeterias, tour- ist cabins .....	22	-	- 15	-	42. Water storage tanks .....	0	-	4	-
9. Office buildings .....	66	-	11	-	<b>Dams and irrigation .....</b>	<b>- 3</b>	<b>- 4.8</b>	<b>- 20</b>	<b>- 30.9</b>
10. Stores, retail and wholesale .....	46	-	- 22	-	43. Dams and reservoirs .....	- 5	-	- 22	-
11. Garages and service stations .....	0	-	- 2	-	44. Irrigation and land reclamation projects ..	2	-	2	-
12. Theatres, arenas, amusement and recrea- tional buildings .....	7	-	- 12	-	<b>Electric power construction .....</b>	<b>110</b>	<b>24.1</b>	<b>0</b>	<b>0.0</b>
13. Laundries and dry cleaning establishments .....	0	-	1	-	45. Electric power generating plants, including water conveying and controlling struc- tures .....	79	-	2	-
<b>Institutional .....</b>	<b>48</b>	<b>10.6</b>	<b>73</b>	<b>14.5</b>	46. Electric transformer stations .....	7	-	2	-
14. Schools and other educational buildings ....	49	-	19	-	47. Power transmission and distribution lines, trolley wires .....	23	-	- 5	-
15. Churches and other religious buildings .....	3	-	- 5	-	48. Street lighting .....	1	-	0	-
16. Hospitals, sanatoria, clinics, first-aid sta- tions, etc. ....	4	-	49	-	<b>Railway, telephone and telegraph .....</b>	<b>47</b>	<b>12.9</b>	<b>20</b>	<b>5.0</b>
17. Other institutional buildings .....	- 8	-	9	-	49. Railway tracks and roadbed .....	31	-	1	-
<b>Other building construction .....</b>	<b>- 98</b>	<b>- 27.3</b>	<b>18</b>	<b>6.8</b>	50. Signals and interlockers .....	1	-	0	-
18. Farm buildings (excluding dwellings) .....	- 14	-	2	-	51. Telegraph and telephone lines, under- ground and marine cables .....	15	-	20	-
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	- 40	-	- 2	-	<b>Gas and oil facilities .....</b>	<b>276</b>	<b>51.9</b>	<b>- 81</b>	<b>10.0</b>
20. Aeroplane hangars .....	1	-	3	-	52. Gas mains and services .....	29	-	8	-
21. Passenger terminals, bus, boat or air .....	- 4	-	- 20	-	53. Pumping stations, oil .....	9	-	- 8	-
22. Armouries, barracks, drill halls, etc. ....	- 16	-	- 3	-	54. Pumping stations, gas .....	12	-	- 16	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	- 11	-	- 8	-	55. Oil storage tanks .....	3	-	- 4	-
24. Other building construction .....	- 14	-	4	-	56. Gas storage tanks .....	0	-	- 1	-
<b>Total engineering construction .....</b>	<b>709</b>	<b>27.6</b>	<b>- 10</b>	<b>- 0.3</b>	57. Oil pipe lines .....	44	-	52	-
<b>Marine construction .....</b>	<b>39</b>	<b>33.3</b>	<b>- 2</b>	<b>- 1.1</b>	58. Gas pipe lines .....	122	-	- 130	-
25. Docks, wharves, piers, breakwaters .....	7	-	4	-	59. Oil wells .....	- 14	-	0	-
26. Retaining walls, embankments, riprapping ..	1	-	2	-	60. Gas wells .....	15	-	2	-
27. Canals and waterways .....	41	-	- 38	-	61. Oil refinery - processing units .....	34	-	28	-
28. Dredging and pile driving .....	18	-	33	-	62. Natural gas cleaning plants .....	24	-	- 11	-
29. Dyke construction .....	- 18	-	0	-	<b>Other engineering construction .....</b>	<b>98</b>	<b>43.3</b>	<b>15</b>	<b>4.7</b>
30. Logging booms .....	- 1	-	- 1	-	63. Bridges, trestles, culverts, overpasses, viaducts .....	47	-	37	-
31. Other marine construction .....	- 9	-	- 2	-	64. Tunnels and subways .....	40	-	7	-
					65. Incinerators .....	12	-	- 10	-
					66. Park systems, landscaping, sodding, etc. ....	2	-	5	-
					67. Swimming pools, tennis courts, outdoor re- creation facilities .....	0	-	1	-
					68. Mine shafts and other below surface workings .....	1	-	21	-
					69. Fences, snowsheds, signs, guard rails ....	- 3	-	1	-
					70. Other engineering construction .....	- 1	-	- 4	-



**TABLE 9. By Principal Types of Construction for Industry or Sector**

	1956			1957			1958		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
Thousands of dollars									
<b>Total .....</b>	<b>3,818,256</b>	<b>2,564,100</b>	<b>6,382,356</b>	<b>3,775,141</b>	<b>3,272,828</b>	<b>7,047,969</b>	<b>3,873,428</b>	<b>3,262,711</b>	<b>7,136,139</b>
Agriculture and fishing .....	154,216	17,720	171,936	141,352	16,748	158,100	143,210	16,890	160,100
Forestry .....	12,929	47,541	60,470	9,216	33,784	43,000	8,099	28,601	36,700
Mining, quarrying and oil wells .....	108,870	288,555	397,425	121,820	291,880	413,700	46,812	259,188	306,000
Construction .....	17,602	2,001	19,603	26,538	762	27,300	21,868	932	22,800
Manufacturing .....	458,505	142,015	600,520	451,476	200,044	651,520	321,583	196,317	517,900
Utilities .....	118,550	1,214,815	1,333,365	121,431	1,705,669	1,827,100	130,629	1,650,371	1,781,000
Trade-Wholesale and retail .....	196,033	16,795	212,828	235,652	17,148	252,800	226,533	18,367	244,900
Finance, insurance and real estate .....	96,045	12,914	108,959	119,692	10,408	130,100	123,267	10,633	133,900
Commercial services .....	61,049	2,332	63,381	94,006	294	94,300	69,122	178	69,300
Housing .....	1,830,400	—	1,830,400	1,685,000	—	1,685,000	1,922,000	—	1,922,000
Institutional services .....	403,129	739	403,868	441,320	1,580	442,900	519,685	715	520,400
Government departments .....	360,928	818,673	1,179,601	327,638	994,511	1,322,149	340,620	1,080,519	1,421,139

**TABLE 10. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1956 to 1957						Change 1957 to 1958					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total .....</b>	<b>- 43</b>	<b>- 1.1</b>	<b>709</b>	<b>27.6</b>	<b>666</b>	<b>10.4</b>	<b>98</b>	<b>2.6</b>	<b>- 10</b>	<b>- 0.3</b>	<b>88</b>	<b>1.3</b>
Agriculture and fishing .....	- 13	- 8.3	- 1	- 5.5	- 14	- 8.0	2	1.3	0	0.8	2	1.3
Forestry .....	- 4	- 28.7	- 14	- 28.9	- 17	- 28.9	- 1	- 12.1	- 5	- 15.3	- 6	- 14.7
Mining, quarrying and oil wells .....	13	11.9	3	1.2	16	4.1	- 75	- 61.6	- 33	- 11.2	- 108	- 26.0
Construction .....	9	50.8	- 1	- 61.9	8	39.3	- 5	- 17.6	0	22.3	- 5	- 16.5
Manufacturing .....	- 7	- 1.5	58	40.9	51	8.5	- 130	- 28.8	- 4	- 1.9	- 134	- 20.5
Utilities .....	3	2.4	491	40.4	494	37.0	9	7.6	- 55	- 3.2	- 46	- 2.5
Trade-Wholesale and retail .....	40	20.2	0	2.1	40	18.8	- 9	- 3.9	1	7.1	- 8	- 3.1
Finance, insurance and real estate .....	24	24.6	- 3	- 19.4	21	19.4	4	3.0	0	2.2	4	2.9
Commercial services .....	33	54.0	- 2	- 87.4	31	48.8	- 25	- 26.5	0	- 39.5	- 25	- 26.5
Housing .....	-145	- 7.9	0	0.0	- 145	- 7.9	237	14.1	0	0.0	237	14.1
Institutional services .....	38	9.5	1	113.8	39	9.7	78	17.8	- 1	- 54.7	78	17.5
Government departments .....	- 33	- 9.2	176	21.5	143	12.1	13	4.0	86	8.6	99	7.5

VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR 1956-1958<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction</b> .....	<b>533,484</b>	<b>115,950</b>	<b>649,434</b>	<b>532,900</b>	<b>109,200</b>	<b>642,100</b>	<b>416,800</b>	<b>108,800</b>	<b>525,600</b>
<b>Total building construction</b> .....	<b>211,000</b>	<b>82,617</b>	<b>293,617</b>	<b>223,871</b>	<b>75,055</b>	<b>298,926</b>	<b>144,811</b>	<b>75,178</b>	<b>219,989</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
1. Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>87,721</b>	<b>9,292</b>	<b>97,013</b>	<b>113,058</b>	<b>9,078</b>	<b>122,136</b>	<b>38,719</b>	<b>8,731</b>	<b>47,450</b>
2. Factories, plants workshops, food canneries .....	5,837	1,579	7,416	9,555	2,044	11,599	2,783	1,622	4,405
3. Mine and mine mill buildings .....	81,690	7,644	89,334	103,503	7,030	110,533	35,935	7,106	43,041
4. Railway stations, offices, roadway buildings .....	144	61	205	—	3	3	—	3	3
5. Railway shops, engine houses, water and fuel stations .....	50	8	58	—	1	1	1	—	1
<b>Commercial</b> .....	<b>19,374</b>	<b>3,308</b>	<b>22,682</b>	<b>20,040</b>	<b>2,908</b>	<b>22,948</b>	<b>19,093</b>	<b>2,493</b>	<b>21,586</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	7,766	1,503	9,269	4,886	997	5,883	3,226	921	4,147
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	252	43	295	276	23	299	284	22	306
9. Office buildings .....	9,227	1,331	10,558	12,445	1,254	13,699	14,409	1,074	15,483
10. Stores, retail and wholesale .....	94	90	184	95	155	250	218	59	277
11. Garages and service stations .....	997	106	1,103	800	190	990	530	138	668
12. Theatres, arenas, amusement and recreational buildings .....	1,019	230	1,249	1,535	286	1,821	426	277	703
13. Laundries and dry cleaning establishments .....	19	5	24	3	3	6	—	2	2
<b>Institutional</b> .....	<b>607</b>	<b>40</b>	<b>647</b>	<b>314</b>	<b>28</b>	<b>342</b>	<b>347</b>	<b>14</b>	<b>361</b>
14. Schools and other educational buildings .....	278	25	303	62	6	68	3	2	5
15. Churches and other religious buildings .....	12	5	17	—	2	2	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	315	10	325	252	19	271	344	11	355
17. Other institutional buildings .....	2	—	2	—	1	1	—	1	1
<b>Other building construction</b> .....	<b>103,298</b>	<b>69,977</b>	<b>173,275</b>	<b>90,459</b>	<b>63,041</b>	<b>153,500</b>	<b>86,652</b>	<b>63,940</b>	<b>150,592</b>
18. Farm buildings (excluding dwellings) .....	87,172	65,358	152,530	80,574	59,187	139,761	81,865	59,827	141,692
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	56	19	75	64	29	93	53	30	83
20. Aeroplane hangars .....	110	—	110	4	—	4	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	15,633	4,191	19,824	9,703	3,726	13,429	4,694	4,029	8,723
24. Other building construction .....	327	409	736	114	99	213	40	54	94
<b>Total engineering construction</b> .....	<b>322,484</b>	<b>33,333</b>	<b>355,817</b>	<b>309,029</b>	<b>34,145</b>	<b>343,174</b>	<b>271,989</b>	<b>33,622</b>	<b>305,611</b>
<b>Marine construction</b> .....	<b>10,830</b>	<b>2,954</b>	<b>13,784</b>	<b>9,717</b>	<b>2,231</b>	<b>11,948</b>	<b>7,929</b>	<b>2,412</b>	<b>10,341</b>
25. Docks, wharves, piers, breakwaters .....	1,814	1,221	3,035	1,962	1,063	3,025	568	1,262	1,830
26. Retaining walls, embankments, riprapping .....	312	123	435	190	18	208	—	14	14
27. Canals and waterways .....	885	35	920	430	87	517	134	94	228
28. Dredging and pile driving .....	5,763	49	5,812	6,301	53	6,354	6,882	30	6,912
29. Dyke construction .....	57	26	83	—	2	2	—	2	2
30. Logging booms .....	1,577	853	2,430	594	709	1,303	246	612	858
31. Other marine construction .....	422	647	1,069	240	299	539	99	398	497

1. Actual 1956, Preliminary Actual 1957, Intentions 1958.

2. Primary Industries include Agriculture, Fishing, Forestry, Mining, Quarrying, Oil Wells, and the Construction Industry.

TABLE 11. Primary Industries - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>25, 772</b>	<b>11, 592</b>	<b>37, 364</b>	<b>19, 750</b>	<b>10, 434</b>	<b>30, 184</b>	<b>13, 847</b>	<b>10, 227</b>	<b>24, 074</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	365	168	533	247	261	508	144	271	415
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	9, 445	3, 729	13, 174	6, 058	4, 139	10, 197	2, 847	4, 165	7, 012
34. Dirt, clay or other streets, roads, parking lots, etc. ....	15, 110	7, 451	22, 561	12, 592	5, 549	18, 141	10, 112	5, 347	15, 459
35. Grading, scraping, oiling, filling .....	706	227	933	634	457	1, 091	527	442	969
36. Sidewalks, paths .....	62	4	66	192	—	192	201	1	202
37. Aerodromes, landing fields, runways, tarmac .....	84	13	97	27	28	55	16	1	17
<b>Waterworks and sewage systems .....</b>	<b>3, 252</b>	<b>440</b>	<b>3, 692</b>	<b>4, 491</b>	<b>464</b>	<b>4, 955</b>	<b>2, 800</b>	<b>329</b>	<b>3, 129</b>
38. Tile drains, drainage ditches, storm sewers .....	24	3	27	70	16	86	6	9	15
39. Water mains, hydrants and services .....	2, 069	320	2, 389	2, 191	262	2, 453	1, 356	177	1, 533
40. Sewage systems and connections .....	672	99	771	1, 001	84	1, 085	994	102	1, 096
41. Pumping stations, water .....	348	12	360	1, 046	94	1, 140	444	36	480
42. Water storage tanks .....	139	6	145	183	8	191	—	5	5
<b>Dams and irrigation .....</b>	<b>8, 760</b>	<b>2, 704</b>	<b>11, 464</b>	<b>7, 617</b>	<b>2, 498</b>	<b>10, 115</b>	<b>7, 112</b>	<b>2, 646</b>	<b>9, 758</b>
43. Dams and reservoirs .....	2, 985	566	3, 551	2, 157	513	2, 670	1, 595	647	2, 242
44. Irrigation and land reclamation projects .....	5, 775	2, 138	7, 913	5, 460	1, 985	7, 445	5, 517	1, 999	7, 516
<b>Electric power construction .....</b>	<b>5, 881</b>	<b>488</b>	<b>6, 369</b>	<b>5, 396</b>	<b>480</b>	<b>5, 876</b>	<b>1, 954</b>	<b>381</b>	<b>2, 335</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2, 372	103	2, 475	2, 246	139	2, 385	316	120	436
46. Electric transformer stations .....	1, 346	13	1, 359	925	19	944	365	8	373
47. Power transmission and distribution lines, trolley wires .....	2, 022	344	2, 366	2, 160	297	2, 457	1, 191	238	1, 429
48. Street lighting .....	141	28	169	65	25	90	82	15	97
<b>Railway, telephone and telegraph .....</b>	<b>8, 136</b>	<b>2, 461</b>	<b>10, 597</b>	<b>1, 974</b>	<b>2, 801</b>	<b>4, 775</b>	<b>1, 502</b>	<b>2, 404</b>	<b>3, 906</b>
49. Railway tracks and roadbed .....	8, 015	1, 809	9, 824	1, 859	2, 414	4, 273	1, 371	2, 025	3, 396
50. Signals and interlockers .....	10	—	10	—	2	2	—	1	1
51. Telegraph and telephone lines, underground and marine cables ..	111	652	763	115	385	500	131	378	509
<b>Gas and oil facilities .....</b>	<b>205, 212</b>	<b>4, 810</b>	<b>210, 022</b>	<b>205, 081</b>	<b>6, 235</b>	<b>211, 316</b>	<b>205, 503</b>	<b>6, 283</b>	<b>211, 786</b>
52. Gas mains and services .....	252	—	252	8	21	29	13	7	20
53. Pumping stations, oil .....	91	45	136	452	65	517	242	70	312
54. Pumping stations, gas .....	95	—	95	—	—	—	—	—	—
55. Oil storage tanks .....	5, 286	201	5, 487	4, 830	105	4, 935	4, 411	100	4, 511
56. Gas storage tanks .....	293	1	294	—	1	1	—	2	2
57. Oil pipe lines .....	300	28	328	383	—	383	20	1	21
58. Gas pipe lines .....	1, 075	80	1, 155	2, 203	37	2, 240	1, 100	27	1, 127
59. Oil wells .....	186, 652	4, 277	190, 929	171, 469	5, 445	176, 914	170, 777	5, 759	176, 536
60. Gas wells .....	11, 088	178	11, 266	25, 736	537	26, 273	27, 795	294	28, 089
61. Oil refinery-processing units .....	—	—	—	—	24	24	—	23	23
62. Natural gas cleaning plants .....	80	—	80	—	—	—	1, 145	—	1, 145
<b>Other engineering construction .....</b>	<b>54, 641</b>	<b>7, 884</b>	<b>62, 525</b>	<b>55, 003</b>	<b>9, 002</b>	<b>64, 005</b>	<b>31, 342</b>	<b>8, 940</b>	<b>40, 282</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	595	116	711	320	130	450	515	111	626
64. Tunnels and subways .....	363	—	363	229	1	230	—	6	6
65. Incinerators .....	—	—	—	11	1	12	—	—	—
66. Park systems, landscaping, sodding, etc. ....	87	50	137	130	85	215	52	43	95
67. Swimming pools, tennis courts, outdoor recreation facilities ..	16	14	30	2	5	7	3	1	4
68. Mine shafts and other below surface workings .....	45, 219	2, 328	47, 547	44, 495	3, 039	47, 534	23, 903	3, 313	27, 216
69. Fences, snowsheds, signs, guard rails .....	3, 957	5, 007	8, 964	3, 714	4, 632	8, 346	3, 798	4, 665	8, 463
70. Other engineering construction .....	4, 404	369	4, 773	6, 102	1, 109	7, 211	3, 071	801	3, 872



TABLE 12. Manufacturing

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>487,576</b>	<b>112,944</b>	<b>600,520</b>	<b>537,900</b>	<b>113,620</b>	<b>651,520</b>	<b>408,100</b>	<b>109,800</b>	<b>517,900</b>
<b>Total building construction .....</b>	<b>372,830</b>	<b>85,675</b>	<b>458,505</b>	<b>366,677</b>	<b>84,799</b>	<b>451,476</b>	<b>240,436</b>	<b>81,147</b>	<b>321,583</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1. Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>325,338</b>	<b>81,647</b>	<b>406,985</b>	<b>328,080</b>	<b>81,846</b>	<b>409,926</b>	<b>202,764</b>	<b>78,437</b>	<b>281,201</b>
2. Factories, plants, workshops, food canneries .....	323,983	77,931	401,914	325,822	76,906	402,728	196,285	73,697	269,982
3. Mine and mine mill buildings .....	—	7	7	40	42	82	340	46	386
4. Railway stations, offices, roadway buildings .....	—	—	—	12	331	343	—	326	326
5. Railway shops, engine houses, water and fuel stations .....	1,355	3,709	5,064	2,206	4,567	6,773	6,139	4,368	10,507
<b>Commercial .....</b>	<b>40,048</b>	<b>3,377</b>	<b>43,425</b>	<b>36,184</b>	<b>2,543</b>	<b>38,727</b>	<b>35,492</b>	<b>2,441</b>	<b>37,933</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	17,942	1,196	19,138	16,370	1,075	17,445	15,314	1,207	16,521
7. Grain elevators .....	521	160	681	289	62	351	103	63	166
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	191	139	330	12	78	90	26	125	151
9. Office buildings .....	18,426	1,527	19,953	17,690	1,154	18,844	18,507	955	19,462
10. Stores, retail and wholesale .....	1,385	304	1,689	194	135	329	90	64	154
11. Garages and service stations .....	1,370	22	1,392	1,280	22	1,302	1,394	22	1,416
12. Theatres, arenas, amusement and recreational buildings .....	213	27	240	349	13	362	58	5	63
13. Laundries and dry cleaning establishments .....	—	2	2	—	4	4	—	—	—
<b>Institutional .....</b>	<b>366</b>	<b>125</b>	<b>491</b>	<b>147</b>	<b>20</b>	<b>167</b>	<b>53</b>	<b>25</b>	<b>78</b>
14. Schools and other educational buildings .....	109	81	190	134	1	135	23	1	24
15. Churches and other religious buildings .....	—	2	2	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	251	40	291	13	19	32	30	24	54
17. Other institutional buildings .....	6	2	8	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>7,078</b>	<b>526</b>	<b>7,604</b>	<b>2,266</b>	<b>390</b>	<b>2,656</b>	<b>2,127</b>	<b>244</b>	<b>2,371</b>
18. Farm buildings (excluding dwellings) .....	104	34	138	200	47	247	118	31	149
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	2	2	268	—	268	159	7	166
20. Aeroplane hangars .....	191	55	246	138	67	205	1,583	73	1,656
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	1	6	7	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6,782	429	7,211	1,649	273	1,922	267	133	400
24. Other building construction .....	—	—	—	11	3	14	—	—	—
<b>Total engineering construction .....</b>	<b>114,746</b>	<b>27,269</b>	<b>142,015</b>	<b>171,223</b>	<b>28,821</b>	<b>200,044</b>	<b>167,664</b>	<b>28,653</b>	<b>196,317</b>
<b>Marine construction .....</b>	<b>9,164</b>	<b>2,003</b>	<b>11,167</b>	<b>12,151</b>	<b>1,397</b>	<b>13,548</b>	<b>3,079</b>	<b>1,320</b>	<b>4,399</b>
25. Docks, wharves, piers, breakwaters .....	7,279	1,000	8,279	11,060	742	11,802	2,697	697	3,394
26. Retaining walls, embankments, riprapping .....	101	25	126	296	24	320	202	21	223
27. Canals and waterways .....	638	7	645	101	2	103	—	—	—
28. Dredging and pile driving .....	704	523	1,227	512	223	735	38	271	309
29. Dyke construction .....	312	95	407	—	19	19	22	16	38
30. Logging booms .....	28	139	167	15	176	191	14	123	137
31. Other marine construction .....	102	214	316	167	211	378	106	192	298

TABLE 12. Manufacturing - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousand of dollars									
<b>Road, highway and Aerodrome construction</b> .....	<b>7,599</b>	<b>2,016</b>	<b>9,615</b>	<b>6,201</b>	<b>1,667</b>	<b>7,868</b>	<b>2,387</b>	<b>1,340</b>	<b>3,727</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	3,057	918	3,975	1,398	641	2,039	955	644	1,599
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,237	703	2,940	735	670	1,405	171	342	513
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,247	271	1,518	741	270	1,011	590	280	870
35. Grading, scraping, oiling, filling .....	1,024	57	1,081	3,213	54	3,267	653	58	711
36. Sidewalks, paths .....	21	22	43	36	30	66	10	16	26
37. Aerodromes, landing fields, runways, tarmac .....	13	45	58	78	2	80	8	—	8
<b>Waterworks and sewage systems</b> .....	<b>8,536</b>	<b>820</b>	<b>9,356</b>	<b>5,980</b>	<b>1,031</b>	<b>7,011</b>	<b>6,367</b>	<b>717</b>	<b>7,084</b>
38. Tile drains, drainage ditches, storm sewers .....	1,156	115	1,271	821	172	993	1,199	185	1,384
39. Water mains, hydrants and services .....	3,438	211	3,649	2,986	625	3,611	2,627	380	3,007
40. Sewage systems and connections .....	1,092	268	1,360	1,352	172	1,524	2,186	109	2,295
41. Pumping stations, water .....	2,369	206	2,575	431	47	478	207	38	245
42. Water storage tanks .....	481	20	501	390	15	405	148	5	153
<b>Dams and irrigation</b> .....	<b>632</b>	<b>72</b>	<b>704</b>	<b>490</b>	<b>667</b>	<b>1,157</b>	<b>20</b>	<b>126</b>	<b>146</b>
43. Dams and reservoirs .....	587	72	659	488	667	1,155	20	126	146
44. Irrigation and land reclamation projects .....	45	—	45	2	—	2	—	—	—
<b>Electric power construction</b> .....	<b>9,727</b>	<b>756</b>	<b>10,483</b>	<b>6,687</b>	<b>575</b>	<b>7,262</b>	<b>3,375</b>	<b>608</b>	<b>3,983</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,490	285	3,775	620	249	869	212	334	546
46. Electric transformer stations .....	2,683	65	2,748	3,848	119	3,967	1,969	56	2,025
47. Power transmission and distribution lines, trolley wires .....	3,482	359	3,841	2,191	190	2,381	1,186	212	1,398
48. Street lighting .....	72	47	119	28	17	45	8	6	14
<b>Railway, telephone and telegraph</b> .....	<b>2,425</b>	<b>688</b>	<b>3,113</b>	<b>3,785</b>	<b>2,562</b>	<b>6,347</b>	<b>3,051</b>	<b>2,396</b>	<b>5,447</b>
49. Railway tracks and roadbed .....	1,941	659	2,600	3,710	2,386	6,096	3,027	2,248	5,275
50. Signals and interlockers .....	469	—	469	—	8	8	—	5	5
51. Telegraph and telephone lines, underground and marine cables .....	15	29	44	75	168	243	24	143	167
<b>Gas and oil facilities</b> .....	<b>74,241</b>	<b>20,453</b>	<b>94,694</b>	<b>133,739</b>	<b>20,430</b>	<b>154,169</b>	<b>147,790</b>	<b>21,711</b>	<b>169,501</b>
52. Gas mains and services .....	51	4	55	223	4	227	53	11	64
53. Pumping stations, oil .....	211	29	240	285	30	315	437	34	471
54. Pumping stations, gas .....	—	6	6	—	—	—	—	—	—
55. Oil storage tanks .....	4,075	403	4,478	6,600	250	6,850	4,783	247	5,030
56. Gas storage tanks .....	450	52	502	61	3	64	39	1	40
57. Oil pipe lines .....	1,024	19	1,043	686	14	700	1,979	29	2,008
58. Gas pipe lines .....	113	20	133	10	19	29	334	19	353
59. Oil wells .....	155	8	163	320	18	338	300	20	320
60. Gas wells .....	—	—	—	5	1	6	21	—	21
61. Oil refinery—processing units .....	56,898	19,759	76,657	90,673	19,543	110,216	117,807	20,045	137,852
62. Natural gas cleaning plants .....	11,264	153	11,417	34,876	548	35,424	22,037	1,305	23,342
<b>Other engineering construction</b> .....	<b>2,422</b>	<b>461</b>	<b>2,883</b>	<b>2,190</b>	<b>492</b>	<b>2,682</b>	<b>1,595</b>	<b>435</b>	<b>2,030</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	190	48	238	319	160	479	133	149	282
64. Tunnels and subways .....	69	6	75	32	6	38	—	6	6
65. Inclinerators .....	88	2	90	27	1	28	8	69	77
66. Park systems, landscaping, sodding, etc. ....	52	216	268	146	223	369	51	147	198
67. Swimming pools, tennis courts, outdoor recreation facilities .....	119	4	123	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	289	—	289	1,400	8	1,408	1,112	—	1,112
69. Fences, snowsheds, signs, guard rails .....	256	42	298	238	93	331	291	64	355
70. Other engineering construction .....	1,359	143	1,502	28	1	29	—	—	—

TABLE 13. Utilities

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
(Thousands of dollars)									
<b>Total value of construction .....</b>	<b>1,085,771</b>	<b>247,594</b>	<b>1,333,365</b>	<b>1,564,100</b>	<b>263,000</b>	<b>1,827,100</b>	<b>1,515,100</b>	<b>265,900</b>	<b>1,781,000</b>
<b>Total building construction .....</b>	<b>87,188</b>	<b>31,362</b>	<b>118,550</b>	<b>90,316</b>	<b>31,115</b>	<b>121,431</b>	<b>99,110</b>	<b>31,519</b>	<b>130,629</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
1. Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>26,390</b>	<b>19,350</b>	<b>45,740</b>	<b>20,805</b>	<b>19,487</b>	<b>40,292</b>	<b>25,366</b>	<b>19,762</b>	<b>45,128</b>
2. Factories, plants, workshops, food canneries .....	11,670	1,593	13,263	5,683	1,092	6,775	6,732	1,606	8,338
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	9,451	12,355	21,806	9,869	13,357	23,226	11,068	13,115	24,183
5. Railway shops, engine houses, water and fuel stations .....	5,269	5,402	10,671	5,253	5,038	10,291	7,566	5,041	12,607
<b>Commercial .....</b>	<b>32,545</b>	<b>10,035</b>	<b>42,580</b>	<b>37,293</b>	<b>9,668</b>	<b>46,961</b>	<b>39,260</b>	<b>10,077</b>	<b>49,337</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	8,714	1,684	10,398	11,166	1,836	13,002	9,239	1,765	11,004
7. Grain elevators .....	12,264	5,698	17,962	11,421	5,878	17,299	21,270	6,368	27,638
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	121	32	153	164	—	164	51	—	51
9. Office buildings .....	8,258	1,814	10,072	9,157	1,292	10,449	5,704	1,275	6,979
10. Stores, retail and wholesale .....	—	7	7	1,971	7	1,978	248	3	251
11. Garages and service stations .....	3,188	744	3,932	3,414	634	4,048	2,748	646	3,394
12. Theatres, arenas, amusement and recreational buildings .....	—	43	43	—	14	14	—	14	14
13. Laundries and dry cleaning establishments .....	—	13	13	—	7	7	—	6	6
<b>Institutional .....</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>2,932</b>	<b>12</b>	<b>2,944</b>	<b>1,453</b>	<b>12</b>	<b>1,465</b>
14. Schools and other educational buildings .....	—	4	4	1,242	7	1,249	60	6	66
15. Churches and other religious buildings .....	—	—	—	1,690	1	1,691	1,393	2	1,395
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	—	—	—	4	4	—	4	4
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>28,253</b>	<b>1,973</b>	<b>30,226</b>	<b>29,286</b>	<b>1,948</b>	<b>31,234</b>	<b>33,031</b>	<b>1,668</b>	<b>34,699</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	23,166	1,299	24,465	24,104	888	24,992	25,366	945	26,311
20. Aeroplane hangars .....	1,247	148	1,395	2,538	553	3,091	6,564	169	6,733
21. Passenger terminals, bus, boat or air .....	732	121	853	404	118	522	183	234	417
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,978	233	3,211	2,128	337	2,465	546	307	853
24. Other building construction .....	130	172	302	112	52	164	372	13	385
<b>Total engineering construction .....</b>	<b>998,583</b>	<b>216,232</b>	<b>1,214,815</b>	<b>1,473,784</b>	<b>231,885</b>	<b>1,705,669</b>	<b>1,415,990</b>	<b>234,381</b>	<b>1,650,371</b>
<b>Marine construction .....</b>	<b>51,968</b>	<b>2,708</b>	<b>54,676</b>	<b>87,531</b>	<b>2,430</b>	<b>89,961</b>	<b>85,222</b>	<b>2,114</b>	<b>87,336</b>
25. Docks, wharves, piers, breakwaters .....	8,701	1,645	10,346	8,438	1,438	9,876	13,626	1,591	15,217
26. Retaining walls, embankments, riprapping .....	76	10	86	62	71	133	638	41	679
27. Canals and waterways .....	19,530	7	19,537	60,623	22	60,645	23,039	23	23,062
28. Dredging and pile driving .....	7,903	961	8,864	17,441	835	18,276	47,792	371	48,163
29. Dyke construction .....	15,666	1	15,667	—	—	—	—	5	5
30. Logging booms .....	8	14	22	107	19	126	15	16	31
31. Other marine construction .....	84	70	154	860	45	905	112	67	179



TABLE 13. Utilities — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, highway and aerodrome construction .....</b>	<b>6,152</b>	<b>626</b>	<b>6,778</b>	<b>16,258</b>	<b>560</b>	<b>16,818</b>	<b>23,525</b>	<b>496</b>	<b>24,021</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	271	139	410	10,934	153	11,087	19,944	171	20,115
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,924	248	5,172	2,756	167	2,923	277	128	405
34. Dirt, clay or other streets, roads, parking lots, etc. ....	667	105	772	2,316	154	2,470	2,818	115	2,933
35. Grading, scraping, oiling, filling .....	257	131	388	63	73	136	33	72	105
36. Sidewalks, paths .....	7	—	7	189	—	189	1	1	2
37. Aerodromes, landing fields, runways, tarmac .....	26	3	29	—	13	13	452	9	461
<b>Waterworks and sewage systems .....</b>	<b>59,216</b>	<b>12,257</b>	<b>71,473</b>	<b>62,828</b>	<b>12,729</b>	<b>75,557</b>	<b>87,412</b>	<b>14,063</b>	<b>101,475</b>
38. Tile drains, drainage ditches, storm sewers .....	3	5	8	14	7	21	27	6	33
39. Water mains, hydrants and services .....	48,885	11,477	60,362	55,167	11,877	67,044	71,429	12,898	84,327
40. Sewage systems and connections .....	818	51	869	708	54	762	4,259	55	4,314
41. Pumping stations, water .....	8,126	689	8,815	5,500	698	6,198	6,144	665	6,809
42. Water storage tanks .....	1,384	35	1,419	1,439	93	1,532	5,553	439	5,992
<b>Dams and irrigation .....</b>	<b>44,240</b>	<b>894</b>	<b>45,134</b>	<b>35,899</b>	<b>925</b>	<b>36,824</b>	<b>17,975</b>	<b>873</b>	<b>18,848</b>
43. Dams and reservoirs .....	44,240	806	45,046	35,864	923	36,787	17,944	872	18,816
44. Irrigation and land reclamation projects .....	—	88	88	35	2	37	31	1	32
<b>Electric power construction .....</b>	<b>392,572</b>	<b>35,741</b>	<b>428,313</b>	<b>504,177</b>	<b>37,375</b>	<b>541,552</b>	<b>504,649</b>	<b>39,715</b>	<b>544,364</b>
45. Electric power generating plants, including water conveying and controlling structures .....	196,801	7,810	204,611	277,883	7,799	285,682	279,602	7,700	287,302
46. Electric transformer stations .....	35,870	3,908	39,778	41,311	4,688	45,999	46,132	5,092	51,224
47. Power transmission and distribution lines, trolley wires .....	157,209	22,748	179,957	181,914	23,657	205,571	175,572	25,716	201,288
48. Street lighting .....	2,692	1,275	3,967	3,069	1,231	4,300	3,343	1,207	4,550
<b>Railway, telephone and telegraph .....</b>	<b>203,367</b>	<b>144,415</b>	<b>347,782</b>	<b>241,607</b>	<b>156,872</b>	<b>398,479</b>	<b>263,709</b>	<b>156,612</b>	<b>420,321</b>
49. Railway tracks and roadbed .....	111,333	108,445	219,778	134,467	118,622	253,089	138,829	116,438	255,267
50. Signals and interlockers .....	4,363	5,033	9,396	5,078	5,579	10,657	4,987	5,410	10,397
51. Telegraph and telephone lines, underground and marine cables .....	87,671	30,937	118,608	102,062	32,671	134,733	119,893	34,764	154,657
<b>Gas and oil facilities .....</b>	<b>210,276</b>	<b>5,892</b>	<b>216,168</b>	<b>424,681</b>	<b>6,037</b>	<b>430,718</b>	<b>327,148</b>	<b>5,858</b>	<b>333,006</b>
52. Gas mains and services .....	35,406	2,756	38,162	64,268	2,609	66,877	73,166	2,032	75,198
53. Pumping stations, oil .....	5,492	1,172	6,664	13,266	1,586	14,852	5,061	1,605	6,666
54. Pumping stations, gas .....	4,587	85	4,672	16,616	63	16,679	116	165	281
55. Oil storage tanks .....	2,726	123	2,849	4,163	112	4,275	249	126	375
56. Gas storage tanks .....	31	46	77	30	1	31	1	1	2
57. Oil pipe lines .....	30,468	1,092	31,560	73,504	1,378	74,882	124,880	1,356	126,236
58. Gas pipe lines .....	131,063	542	131,605	252,527	242	252,769	123,461	516	123,977
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	307	39	346	91	15	106	113	26	139
61. Oil refinery — processing units .....	—	—	—	2	—	2	—	—	—
62. Natural gas cleaning plants .....	196	37	233	214	31	245	101	31	132
<b>Other engineering construction .....</b>	<b>30,792</b>	<b>13,699</b>	<b>44,491</b>	<b>100,803</b>	<b>14,957</b>	<b>115,760</b>	<b>106,350</b>	<b>14,650</b>	<b>121,000</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	26,744	10,641	37,385	58,290	11,642	69,932	61,865	11,383	73,248
64. Tunnels and subways .....	1,587	20	1,607	40,042	70	40,112	38,950	81	39,031
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	14	45	59	202	39	241	3,057	37	3,094
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	—	—	—	3	3	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,762	2,902	4,664	1,500	2,302	3,802	2,142	2,292	4,434
70. Other engineering construction .....	685	91	776	769	901	1,670	336	857	1,193

TABLE 14. Trade Finance and Commercial Services

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction</b> .....	<b>327,777</b>	<b>57,391</b>	<b>385,168</b>	<b>419,209</b>	<b>58,000</b>	<b>477,209</b>	<b>389,100</b>	<b>59,000</b>	<b>448,100</b>
<b>Total building construction</b> .....	<b>299,149</b>	<b>53,978</b>	<b>353,127</b>	<b>395,008</b>	<b>54,342</b>	<b>449,350</b>	<b>363,071</b>	<b>55,851</b>	<b>418,922</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
1. Dwellings, single, double, duplexes and apartments .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>18,508</b>	<b>1,651</b>	<b>20,159</b>	<b>11,454</b>	<b>1,162</b>	<b>12,616</b>	<b>29,530</b>	<b>1,765</b>	<b>31,295</b>
2. Factories, plants, workshops, food canneries .....	18,488	1,639	20,127	11,454	1,162	12,616	29,530	1,765	31,295
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	1	1	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	20	11	31	—	—	—	—	—	—
<b>Commercial</b> .....	<b>277,629</b>	<b>52,154</b>	<b>329,783</b>	<b>379,946</b>	<b>53,000</b>	<b>432,946</b>	<b>331,116</b>	<b>53,914</b>	<b>385,030</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	33,686	4,863	38,549	30,942	5,203	36,145	30,840	4,978	35,818
7. Grain elevators .....	—	54	54	45	6	51	—	9	9
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	29,477	9,617	39,094	54,520	11,638	66,158	39,989	11,939	51,928
9. Office buildings .....	53,279	7,940	61,219	80,276	7,880	88,156	77,316	6,758	84,074
10. Stores, retail and wholesale .....	115,999	21,981	137,980	162,562	20,625	183,187	140,959	22,944	163,903
11. Garages and service stations .....	32,287	5,791	38,078	34,271	5,482	39,753	29,844	5,380	35,224
12. Theatres, arenas, amusement and recreational buildings .....	11,501	1,153	12,654	16,144	1,367	17,511	10,773	1,106	11,879
13. Laundries and dry cleaning establishments .....	1,400	755	2,155	1,186	799	1,985	1,395	800	2,195
<b>Institutional</b> .....	<b>1,863</b>	<b>173</b>	<b>2,036</b>	<b>3,213</b>	<b>178</b>	<b>3,391</b>	<b>2,200</b>	<b>172</b>	<b>2,372</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,863	172	2,035	3,213	178	3,391	2,200	172	2,372
17. Other institutional buildings .....	—	1	1	—	—	—	—	—	—
<b>Other building construction</b> .....	<b>1,149</b>	<b>—</b>	<b>1,149</b>	<b>395</b>	<b>2</b>	<b>397</b>	<b>225</b>	<b>—</b>	<b>225</b>
18. Farm buildings (excluding dwellings) .....	933	—	933	395	2	397	225	—	225
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	216	—	216	—	—	—	—	—	—
24. Other building construction .....	—	—	—	—	—	—	—	—	—
<b>Total engineering construction</b> .....	<b>28,628</b>	<b>3,413</b>	<b>32,041</b>	<b>24,192</b>	<b>3,658</b>	<b>27,850</b>	<b>26,029</b>	<b>3,149</b>	<b>29,178</b>
<b>Marine construction</b> .....	<b>1,343</b>	<b>301</b>	<b>1,649</b>	<b>383</b>	<b>81</b>	<b>464</b>	<b>855</b>	<b>53</b>	<b>908</b>
25. Docks, wharves, piers, breakwaters .....	349	279	628	370	78	448	838	52	890
26. Retaining walls, embankments, riprapping .....	32	—	32	13	—	13	17	—	17
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	834	20	854	—	1	1	—	1	1
29. Dyke construction .....	121	2	123	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	12	—	12	—	2	2	—	—	—

TABLE 14. Trade Finance and Commercial Services — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>9,763</b>	<b>1,366</b>	<b>11,129</b>	<b>9,245</b>	<b>1,328</b>	<b>10,573</b>	<b>9,473</b>	<b>844</b>	<b>10,317</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	5,951	483	6,434	7,493	1,138	8,631	7,038	538	7,576
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,912	778	2,690	508	81	589	686	207	893
34. Dirt, clay or other streets, roads, parking lots, etc. ....	216	5	221	78	8	86	89	9	98
35. Grading, scraping, oiling, filling .....	1,476	91	1,567	1,026	59	1,085	976	59	1,035
36. Sidewalks, paths .....	208	9	217	140	42	182	684	31	715
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems</b> .....	<b>6,045</b>	<b>230</b>	<b>6,275</b>	<b>3,900</b>	<b>235</b>	<b>4,135</b>	<b>4,393</b>	<b>146</b>	<b>4,539</b>
38. Tile drains, drainage ditches, storm sewers .....	1,613	36	1,649	1,417	78	1,495	877	23	900
39. Water mains, hydrants and services .....	2,260	31	2,291	730	43	773	991	79	1,070
40. Sewage systems and connections .....	2,078	162	2,240	1,732	102	1,834	2,525	44	2,569
41. Pumping stations, water .....	49	—	49	21	12	33	—	—	—
42. Water storage tanks .....	45	1	46	—	—	—	—	—	—
<b>Dams and irrigation</b> .....	<b>52</b>	<b>—</b>	<b>52</b>	<b>6</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	39	—	39	6	—	6	—	—	—
44. Irrigation and land reclamation projects .....	13	—	13	—	—	—	—	—	—
<b>Electric power construction</b> .....	<b>273</b>	<b>—</b>	<b>273</b>	<b>345</b>	<b>3</b>	<b>348</b>	<b>409</b>	<b>2</b>	<b>411</b>
45. Electric power generating plants, including water conveying and controlling structures .....	26	—	26	—	—	—	—	—	—
46. Electric transformer stations .....	20	—	20	133	—	133	11	—	11
47. Power transmission and distribution lines, trolley wires .....	—	—	—	150	3	153	281	2	283
48. Street lighting .....	227	—	227	62	—	62	117	—	117
<b>Railway, telephone and telegraph</b> .....	<b>168</b>	<b>8</b>	<b>176</b>	<b>100</b>	<b>111</b>	<b>211</b>	<b>276</b>	<b>108</b>	<b>384</b>
49. Railway tracks and roadbed .....	168	8	176	100	111	211	276	108	384
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities</b> .....	<b>9,284</b>	<b>1,282</b>	<b>10,566</b>	<b>9,359</b>	<b>1,699</b>	<b>11,058</b>	<b>9,577</b>	<b>1,756</b>	<b>11,333</b>
52. Gas mains and services .....	1	—	1	—	—	—	—	—	—
53. Pumping stations, oil .....	—	1	1	—	—	—	—	—	—
54. Pumping stations, gas .....	—	3	3	—	—	—	—	—	—
55. Oil storage tanks .....	6,776	814	7,590	6,188	1,029	7,217	7,771	931	8,702
56. Gas storage tanks .....	2,115	462	2,577	2,320	586	2,906	1,470	749	2,219
57. Oil pipe lines .....	392	2	394	851	84	935	334	76	410
58. Gas pipe lines .....	—	—	—	—	—	—	2	—	2
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>1,695</b>	<b>226</b>	<b>1,921</b>	<b>854</b>	<b>201</b>	<b>1,055</b>	<b>1,046</b>	<b>240</b>	<b>1,286</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	12	1	13	39	—	39	194	—	194
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	11	—	11	4	—	4	—	—	—
66. Park systems, landscaping, sodding, etc. ....	373	16	389	113	87	200	200	119	319
67. Swimming pools, tennis courts, outdoor recreation facilities ....	443	109	552	30	65	95	—	65	65
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	625	98	723	540	45	585	625	48	673
70. Other engineering construction .....	231	2	233	128	4	132	27	8	35



TABLE 15. Federal Government

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction.....</b>	<b>319,786</b>	<b>61,082</b>	<b>380,868</b>	<b>294,100</b>	<b>55,800</b>	<b>349,900</b>	<b>320,500</b>	<b>60,000</b>	<b>380,500</b>
<b>Total building construction.....</b>	<b>232,839</b>	<b>38,666</b>	<b>271,505</b>	<b>183,044</b>	<b>35,980</b>	<b>219,024</b>	<b>172,016</b>	<b>38,685</b>	<b>210,701</b>
2. Factories, plants, workshops, food canneries.....	25,037	3,982	29,019	23,027	3,656	26,683	9,596	3,922	13,518
6. Warehouses, storehouses, refrigerated storage, etc.....	8,873	2,040	10,913	5,578	1,896	7,474	4,222	2,036	6,258
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	9,304	1,518	10,822	5,440	1,404	6,844	4,518	1,499	6,017
9. Office buildings.....	51,695	10,211	61,906	61,743	9,475	71,218	62,059	10,216	72,275
10. Stores, retail and wholesale.....	197	85	282	341	81	422	—	86	86
11. Garages and service stations.....	4,107	364	4,471	6,344	376	6,720	4,258	402	4,660
12. Theatres, arenas, amusement and recreational buildings.....	6,324	335	6,659	7,143	296	7,439	2,174	320	2,494
14. Schools and other educational buildings.....	5,061	1,252	6,313	12,488	1,151	13,639	10,021	1,236	11,257
15. Churches and other religious buildings.....	1,720	12	1,732	457	13	470	50	13	63
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	6,281	1,138	7,419	13,418	1,198	14,616	12,234	1,284	13,518
17. Other institutional buildings.....	1,351	501	1,852	2,977	492	3,469	4,481	530	5,011
18. Farm buildings (excluding dwellings).....	3,441	259	3,700	1,783	272	2,055	1,280	293	1,573
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	60,133	766	60,899	19,216	577	19,793	15,940	621	16,561
20. Aeroplane hangars.....	5,831	1,639	7,470	4,969	1,532	6,501	3,202	1,654	4,856
21. Passenger terminals, bus, boat or air.....	3,699	1	3,700	—	1	1	20,565	2	20,567
22. Armouries, barracks, drill halls, etc.....	30,101	13,422	43,523	14,820	12,504	27,324	11,305	13,439	24,744
24. Other building construction.....	9,684	1,141	10,825	3,300	1,056	4,356	6,111	1,132	7,243
<b>Total engineering construction.....</b>	<b>86,947</b>	<b>22,416</b>	<b>109,363</b>	<b>111,056</b>	<b>19,820</b>	<b>130,876</b>	<b>148,484</b>	<b>21,315</b>	<b>169,799</b>
25. Docks, wharves, piers, breakwaters.....	11,452	3,105	14,557	14,487	2,781	17,268	22,978	3,008	25,986
26. Retaining walls, embankments, riprapping.....	804	682	1,486	1,638	629	2,267	2,131	671	2,802
27. Canals and waterways.....	214	1,109	1,323	1,292	987	2,279	1,496	1,062	2,558
28. Dredging and pile driving.....	3,571	517	4,088	13,466	423	13,889	16,185	454	16,639
29. Dyke construction.....	1,407	109	1,516	7	117	124	—	127	127
31. Other marine construction.....	10,641	309	10,950	2,141	294	2,435	856	320	1,176
32. Hard surfaced or paved streets, highways, parking lots, etc.....	12,711	1,196	13,907	16,682	1,208	17,890	18,289	1,295	19,584
33. Gravel or stone streets, highways, roads, parking lots, etc.....	2,296	2,999	5,295	1,625	2,394	4,019	19,732	2,570	22,302
34. Dirt, clay or other streets, roads, parking lots, etc.....	352	603	955	47	604	651	—	650	650
35. Grading, scraping, oiling, filling.....	490	811	1,301	859	608	1,467	245	655	900
37. Aerodromes, landing fields, runways, tarmac.....	12,337	638	12,975	36,536	618	37,154	29,187	664	29,851
39. Water mains, hydrants and services.....	1,387	968	2,355	2,459	940	3,399	3,443	1,009	4,452
40. Sewage systems and connections.....	2,511	471	2,982	2,253	464	2,717	2,610	498	3,108
43. Dams and reservoirs.....	1,296	610	1,906	1,420	459	1,879	107	493	600
44. Irrigation and land reclamation projects.....	4,075	510	4,585	6,705	554	7,259	7,682	592	8,274
45. Electric power generating plants, including water conveying and controlling structures.....	724	277	1,001	1,440	230	1,670	4,489	250	4,739
46. Electric transformer stations.....	124	90	214	531	69	600	409	74	483
47. Power transmission and distribution lines, trolley wires.....	2,362	639	3,001	1,191	608	1,799	2,712	653	3,365
63. Bridges, trestles, culverts, overpasses, viaducts.....	3,131	1,305	4,436	423	993	1,416	6,473	1,070	7,543
66. Park systems, landscaping, sodding, etc.....	1,620	1,356	2,976	355	1,378	1,733	1,177	1,480	2,657
69. Fences, snowsheds, signs, guard rails.....	1,097	1,321	2,418	182	842	1,024	51	905	956
70. Other engineering construction.....	12,345	2,791	15,136	5,317	2,620	7,937	8,232	2,815	11,047

TABLE 16. Provincial Governments

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
Total value of construction .....	391,322	119,402	510,724	451,160	131,372	582,532	491,184	126,886	618,070
Total building construction .....	34,701	14,095	48,796	45,240	8,493	53,733	64,104	7,825	71,929
2. Factories, plants, workshops, food canneries .....	899	293	1,192	851	—	851	200	—	200
6. Warehouses, storehouses, refrigerated storage, etc. ....	735	384	1,119	4,771	1,930	6,701	5,694	1,880	7,574
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	362	43	405	—	—	—	50	—	50
9. Office buildings .....	6,433	4,274	10,707	28,076	3,975	32,051	43,983	3,429	47,412
11. Garages and service stations .....	3,788	215	4,003	854	—	854	1,660	—	1,660
12. Theatres, arenas, amusement and recreational buildings .....	5,438	6	5,444	1,222	16	1,238	364	16	380
17. Other institutional buildings .....	12,681	8,408	21,089	7,661	2,280	9,941	9,664	2,131	11,795
24. Other building construction .....	4,365	472	4,837	1,805	292	2,097	2,489	369	2,858
Total engineering construction .....	356,621	105,307	461,928	405,920	122,879	528,799	427,080	119,061	546,141
25. Docks, wharves, piers, breakwaters .....	627	158	785	72	83	155	110	2	112
31. Other marine construction .....	995	64	1,059	43	21	64	949	65	1,014
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	162,605	38,436	201,041	226,468	70,263	296,731	217,522	65,197	282,719
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	90,585	46,552	137,137	29,480	29,681	59,161	32,926	29,739	62,665
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9,558	4,626	14,184	59,292	10,178	69,470	62,233	10,005	72,238
35. Grading, scraping, oiling and filling .....	21,111	3,173	24,284	3,999	1,759	5,758	3,513	1,830	5,343
36. Sidewalks, paths .....	53	42	95	—	—	—	—	—	—
38. Tile drains, drainage ditches, storm sewers .....	8,928	170	9,098	2,860	183	3,043	2,508	488	2,996
39. Water mains, hydrants and services .....	167	5	172	156	5	161	344	5	349
43. Dams and reservoirs .....	5	—	5	3,936	—	3,936	2,076	160	2,236
44. Irrigation and land reclamation projects .....	3,686	—	3,686	2,900	222	3,122	4,146	387	4,533
63. Bridges, trestles, culverts, overpasses, viaducts .....	54,951	10,243	65,194	71,341	8,728	80,069	94,076	9,355	103,431
66. Park systems, landscaping, sodding, etc. ....	764	893	1,657	3,862	982	4,844	5,235	1,058	6,293
69. Fences, snowsheds, signs, guard rails .....	728	685	1,413	649	701	1,350	358	707	1,065
70. Other engineering construction .....	1,858	260	2,118	862	73	935	1,084	63	1,147

TABLE 17. Municipal Governments

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>220,568</b>	<b>67,441</b>	<b>288,009</b>	<b>306,143</b>	<b>83,574</b>	<b>389,717</b>	<b>338,937</b>	<b>83,632</b>	<b>422,569</b>
<b>Total building construction .....</b>	<b>33,419</b>	<b>7,208</b>	<b>40,627</b>	<b>46,751</b>	<b>8,130</b>	<b>54,881</b>	<b>50,580</b>	<b>7,410</b>	<b>57,990</b>
2. Factories, plants, work shops, food canneries .....	3,313	379	3,692	4,056	580	4,636	3,409	517	3,926
6. Warehouses, storehouses, refrigerated storage, etc. ....	321	5	326	443	5	448	443	5	448
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7	50	57	10	50	60	10	50	60
9. Office buildings .....	7,259	1,942	9,201	12,420	2,520	14,940	13,052	2,255	15,307
11. Garages and service stations .....	3,223	60	3,283	151	151	2,845	7,620	216	7,836
12. Theatres, arenas, amusement and recreational buildings .....	2,146	644	2,790	6,384	740	7,124	5,495	736	6,231
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,182	36	1,218	683	54	737	1,206	20	1,226
17. Other institutional buildings .....	8,355	2,418	10,773	12,673	3,395	16,068	10,448	3,080	13,528
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,722	29	1,751	2,374	29	2,403	2,374	29	2,403
24. Other building construction .....	5,891	1,645	7,536	4,863	606	5,469	6,523	502	7,025
<b>Total engineering construction .....</b>	<b>187,149</b>	<b>60,233</b>	<b>247,382</b>	<b>259,392</b>	<b>75,444</b>	<b>334,836</b>	<b>288,357</b>	<b>76,222</b>	<b>364,579</b>
25. Docks, wharves, piers, breakwaters .....	96	263	359	1,066	1,044	2,110	963	426	1,389
31. Other marine construction .....	105	16	121	145	16	161	145	16	161
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	59,491	18,194	77,685	77,734	22,129	99,863	75,007	22,472	97,479
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	16,636	16,746	33,382	21,882	23,319	45,201	20,844	23,848	44,692
34. Dirt, clay or other streets, roads, parking lots, etc. ....	6,840	7,368	14,208	11,594	6,457	18,051	11,697	6,720	18,417
35. Grading, scraping, oiling, filling .....	464	27	491	640	27	667	640	27	667
36. Sidewalks, paths .....	12,825	2,623	15,448	15,780	3,236	19,016	15,867	3,484	19,351
38. Tile drains, drainage ditches, storm sewers .....	3,177	5,409	8,586	5,938	6,143	12,081	5,402	5,942	11,344
40. Sewage systems and connections .....	64,661	4,375	69,036	82,152	5,372	87,524	114,589	5,317	119,906
48. Street lighting .....	2,052	1,227	3,279	3,156	1,409	4,565	2,929	1,472	4,401
63. Bridges, trestles, culverts, overpasses, viaducts .....	12,110	1,909	14,019	14,064	2,491	16,555	18,347	2,342	20,689
64. Tunnels and subways .....	619	260	879	2,522	338	2,860	8,825	649	9,474
65. Incinerators .....	4,357	260	4,617	16,682	258	16,940	7,191	215	7,406
66. Park systems, landscaping, sodding, etc. ....	952	333	1,285	1,312	331	1,643	1,312	331	1,643
67. Swimming pools, tennis courts, outdoor recreation facilities ....	810	188	998	1,117	187	1,304	1,117	187	1,304
69. Fences, snowsheds, signs, guard rails .....	148	47	195	204	47	251	204	47	251
70. Other engineering construction .....	1,806	988	2,794	3,404	2,640	6,044	3,278	2,727	6,005

TABLE 18. Housing and Institutional Services

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Housing:</b>									
1. Dwellings, single, double, duplexes and apartments .....	1,574,900	255,500	1,830,400	1,415,000	270,000	1,685,000	1,636,000	286,000	1,922,000
<b>Institutions:</b>									
<b>Total value of work performed .....</b>	<b>358,885</b>	<b>44,983</b>	<b>403,868</b>	<b>398,900</b>	<b>44,000</b>	<b>442,900</b>	<b>475,600</b>	<b>44,800</b>	<b>520,400</b>
9. Office buildings .....	—	—	—	333	—	333	1	—	1
12. Theatres, arenas, amusement and recreational buildings .....	140	3	143	539	24	563	1,884	28	1,912
14. Schools and other educational buildings .....	200,794	22,189	222,983	240,294	23,468	263,762	261,282	25,460	286,742
15. Churches and other religious buildings .....	32,965	6,543	39,508	36,032	6,065	42,097	32,382	5,840	38,222
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	108,715	14,864	123,579	106,764	13,288	120,052	158,264	12,515	170,779
17. Other institutional buildings .....	14,474	769	15,243	10,654	806	11,460	19,073	578	19,651
18. Farm buildings (excluding dwellings) .....	53	17	70	88	15	103	24	29	53
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	484	214	698	2,371	109	2,480	2,009	143	2,152
24. Other building construction .....	781	124	905	437	33	470	139	34	173
<b>All Engineering Construction .....</b>	<b>479</b>	<b>260</b>	<b>739</b>	<b>1,388</b>	<b>192</b>	<b>1,580</b>	<b>542</b>	<b>173</b>	<b>715</b>



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1956-1958<sup>1</sup>

TABLE 19. Newfoundland

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>66,297</b>	<b>16,079</b>	<b>82,376</b>	<b>62,345</b>	<b>19,412</b>	<b>81,757</b>	<b>69,310</b>	<b>21,879</b>	<b>91,189</b>
<b>Total building construction .....</b>	<b>41,853</b>	<b>7,898</b>	<b>49,751</b>	<b>38,511</b>	<b>8,281</b>	<b>46,792</b>	<b>37,734</b>	<b>11,512</b>	<b>49,246</b>
Residential .....	18,900	3,100	22,000	15,300	3,000	18,300	17,300	6,600	23,900
Industrial .....	4,641	1,649	6,290	3,670	1,807	5,477	824	1,819	2,643
Commercial .....	5,720	1,070	6,790	8,479	1,107	9,586	8,290	1,066	9,356
Institutional .....	6,443	1,367	7,810	8,720	1,506	10,226	8,284	1,108	9,392
Other building construction .....	6,149	712	6,861	2,342	861	3,203	3,036	919	3,955
<b>Total engineering construction .....</b>	<b>24,444</b>	<b>8,181</b>	<b>32,625</b>	<b>23,834</b>	<b>11,131</b>	<b>34,965</b>	<b>31,576</b>	<b>10,367</b>	<b>41,943</b>
Marine construction .....	4,154	1,044	5,198	4,351	1,027	5,378	4,459	1,138	5,597
Road, highway and aerodrome construction .....	8,378	4,413	12,791	4,835	4,983	9,818	10,560	4,778	15,338
Waterworks and sewage systems .....	1,462	559	2,021	593	438	1,031	723	365	1,088
Dams and irrigation .....	132	125	257	815	51	866	612	19	631
Electric power construction .....	5,603	792	6,395	4,802	982	5,784	7,159	613	7,772
Railway, telephone and telegraph .....	1,578	898	2,476	6,495	3,088	9,583	6,360	2,804	9,164
Gas and oil facilities .....	702	71	773	1,349	55	1,404	1,259	46	1,305
Other engineering construction .....	2,435	279	2,714	594	507	1,101	444	604	1,048

TABLE 20. Prince Edward Island

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>15,283</b>	<b>3,996</b>	<b>19,279</b>	<b>13,905</b>	<b>3,351</b>	<b>17,256</b>	<b>18,159</b>	<b>3,652</b>	<b>21,811</b>
<b>Total building construction .....</b>	<b>6,757</b>	<b>1,849</b>	<b>8,606</b>	<b>5,952</b>	<b>1,400</b>	<b>7,352</b>	<b>8,717</b>	<b>1,532</b>	<b>10,249</b>
Residential .....	1,600	300	1,900	1,500	300	1,800	1,400	300	1,700
Industrial .....	105	121	226	99	144	243	146	143	289
Commercial .....	2,840	256	3,096	1,419	152	1,571	1,116	158	1,274
Institutional .....	1,101	271	1,372	1,374	125	1,499	3,435	227	3,662
Other building construction .....	1,111	901	2,012	1,560	679	2,239	2,620	704	3,324
<b>Total engineering construction .....</b>	<b>8,526</b>	<b>2,147</b>	<b>10,673</b>	<b>7,953</b>	<b>1,951</b>	<b>9,904</b>	<b>9,442</b>	<b>2,120</b>	<b>11,562</b>
Marine construction .....	1,023	200	1,223	894	102	996	1,145	125	1,270
Road, highway and aerodrome construction .....	4,349	1,028	5,377	5,812	1,049	6,861	6,335	1,074	7,409
Waterworks and sewage systems .....	40	91	131	60	111	171	208	112	320
Dams and irrigation .....	56	21	77	50	18	68	130	18	148
Electric power construction .....	2,008	135	2,143	524	112	636	809	215	1,024
Railway, telephone and telegraph .....	693	498	1,191	424	412	836	511	411	922
Gas and oil facilities .....	34	5	39	11	—	11	108	—	108
Other engineering construction .....	323	169	492	178	147	325	196	165	361

1. Actual 1956, Preliminary 1957, Intentions 1958.

TABLE 21. Nova Scotia

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction.....</b>	<b>121,860</b>	<b>38,896</b>	<b>160,756</b>	<b>112,741</b>	<b>39,405</b>	<b>152,146</b>	<b>141,096</b>	<b>39,542</b>	<b>180,638</b>
<b>Total building construction.....</b>	<b>62,871</b>	<b>18,513</b>	<b>81,384</b>	<b>71,310</b>	<b>18,767</b>	<b>90,077</b>	<b>92,995</b>	<b>18,647</b>	<b>111,642</b>
<b>Residential .....</b>	<b>30,000</b>	<b>4,900</b>	<b>34,900</b>	<b>32,100</b>	<b>6,200</b>	<b>38,300</b>	<b>36,400</b>	<b>6,300</b>	<b>42,700</b>
1. Dwellings, single, double, duplexes and apartments .....	30,000	4,900	34,900	32,100	6,200	38,300	36,400	6,300	42,700
<b>Industrial .....</b>	<b>4,414</b>	<b>5,242</b>	<b>9,656</b>	<b>4,008</b>	<b>5,771</b>	<b>9,779</b>	<b>8,273</b>	<b>5,502</b>	<b>13,775</b>
2. Factories, plants, workshops, food canneries .....	2,696	4,708	7,404	3,067	5,121	8,188	3,557	4,773	8,330
3. Mine and mine mill buildings .....	1,256	45	1,301	478	114	592	4,155	207	4,362
4. Railway stations, offices, roadway buildings .....	263	306	569	295	341	636	351	336	687
5. Railway shops, engine houses, water and fuel stations .....	199	183	382	168	195	363	210	186	396
<b>Commercial .....</b>	<b>12,426</b>	<b>2,842</b>	<b>15,268</b>	<b>13,766</b>	<b>2,624</b>	<b>16,390</b>	<b>21,555</b>	<b>2,578</b>	<b>24,133</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,842	663	3,505	1,419	381	1,800	2,253	486	2,739
7. Grain elevators .....	46	63	109	775	55	830	34	75	109
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	955	263	1,218	676	151	827	6,568	154	6,722
9. Office buildings .....	4,089	926	5,015	4,740	966	5,706	6,865	863	7,728
10. Stores, retail and wholesale .....	2,921	655	3,576	4,566	653	5,219	3,800	735	4,535
11. Garages and service stations .....	990	130	1,120	1,261	166	1,427	655	111	766
12. Theatres, arenas, amusement and recreational buildings .....	583	136	719	329	152	481	1,380	54	1,434
13. Laundries and dry cleaning establishments .....	—	6	6	—	100	100	—	100	100
<b>Institutional .....</b>	<b>10,274</b>	<b>1,548</b>	<b>11,822</b>	<b>17,132</b>	<b>1,579</b>	<b>18,711</b>	<b>19,293</b>	<b>1,586</b>	<b>20,879</b>
14. Schools and other educational buildings .....	6,077	563	6,640	10,846	631	11,477	10,953	610	11,563
15. Churches and other religious buildings .....	448	371	819	3,479	387	3,866	2,933	291	3,224
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,271	460	3,731	2,281	422	2,703	3,292	533	3,825
17. Other institutional buildings .....	478	154	632	526	139	665	2,115	152	2,267
<b>Other building construction .....</b>	<b>5,757</b>	<b>3,981</b>	<b>9,738</b>	<b>4,304</b>	<b>2,593</b>	<b>6,897</b>	<b>7,474</b>	<b>2,681</b>	<b>10,155</b>
18. Farm buildings (excluding dwellings) .....	1,528	1,137	2,665	1,599	1,065	2,664	1,562	1,058	2,620
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,553	148	1,701	591	15	606	1,210	16	1,226
20. Aeroplane hangars .....	154	166	320	25	85	110	1,123	91	1,214
21. Passenger terminals, bus, boat or air .....	3	4	7	17	—	17	1,974	—	1,974
22. Armouries, barracks, drill halls, etc. ....	1,284	2,221	3,505	947	1,140	2,087	1,024	1,216	2,240
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	195	89	284	261	178	439	267	182	449
24. Other building construction .....	1,040	216	1,256	864	110	974	314	118	432
<b>Total engineering construction .....</b>	<b>58,989</b>	<b>20,383</b>	<b>79,372</b>	<b>41,431</b>	<b>20,638</b>	<b>62,069</b>	<b>48,101</b>	<b>20,895</b>	<b>68,996</b>
<b>Marine construction .....</b>	<b>7,818</b>	<b>1,797</b>	<b>9,615</b>	<b>4,613</b>	<b>1,213</b>	<b>5,826</b>	<b>5,568</b>	<b>1,324</b>	<b>6,892</b>
25. Docks, wharves, piers, breakwaters .....	5,040	1,266	6,306	3,926	851	4,777	4,751	949	5,700
26. Retaining walls, embankments, riprapping .....	147	4	151	26	2	28	—	7	7
27. Canals and waterways .....	1	20	21	10	10	20	159	11	170
28. Dredging and pile driving .....	828	252	1,080	478	121	599	503	129	632
29. Dyke construction .....	899	43	942	—	22	22	—	24	24
30. Logging booms .....	—	1	1	—	—	—	—	23	23
31. Other marine construction .....	903	211	1,114	173	207	380	155	181	336

TABLE 21. Nova Scotia — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>21,314</b>	<b>8,080</b>	<b>29,394</b>	<b>18,627</b>	<b>11,171</b>	<b>29,798</b>	<b>19,260</b>	<b>11,145</b>	<b>30,405</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	13,322	1,667	14,989	15,466	10,340	25,806	14,408	10,303	24,711
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,620	5,515	8,135	286	309	595	1,703	281	1,984
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,556	730	2,286	248	366	614	200	395	595
35. Grading, scraping, oiling, filling .....	33	26	59	23	12	35	94	14	108
36. Sidewalks, paths .....	721	17	738	608	80	688	655	84	739
37. Aerodromes, landing fields, runways, tarmac .....	3,062	125	3,187	1,996	64	2,060	2,200	68	2,268
<b>Waterworks and sewage systems .....</b>	<b>1,864</b>	<b>501</b>	<b>2,365</b>	<b>2,067</b>	<b>496</b>	<b>2,563</b>	<b>3,754</b>	<b>513</b>	<b>4,267</b>
38. Tile drains, drainage ditches, storm sewers.....	7	26	33	350	36	386	259	36	295
39. Water mains, hydrants and services .....	737	367	1,104	717	313	1,030	1,944	330	2,274
40. Sewage systems and connections .....	1,120	89	1,209	993	132	1,125	1,202	130	1,332
41. Pumping stations, water.....	—	16	16	6	14	20	333	8	341
42. Water storage tanks.....	—	3	3	1	1	2	16	9	25
<b>Dams and irrigation .....</b>	<b>639</b>	<b>187</b>	<b>826</b>	<b>1,328</b>	<b>118</b>	<b>1,446</b>	<b>2,819</b>	<b>140</b>	<b>2,959</b>
43. Dams and reservoirs .....	522	146	668	442	81	523	2,306	102	2,408
44. Irrigation and land reclamation projects .....	117	41	158	886	37	923	513	38	551
<b>Electric power construction .....</b>	<b>5,835</b>	<b>1,376</b>	<b>7,211</b>	<b>5,192</b>	<b>1,217</b>	<b>6,409</b>	<b>6,578</b>	<b>1,431</b>	<b>8,009</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,875	182	2,057	1,714	122	1,836	2,258	281	2,539
46. Electric transformer stations.....	345	24	369	259	29	288	130	86	216
47. Power transmission and distribution lines, trolley wires .....	3,569	1,084	4,653	3,123	935	4,058	4,075	930	5,005
48. Street lighting .....	46	86	132	96	131	227	115	134	249
<b>Railway, telephone and telegraph .....</b>	<b>4,999</b>	<b>4,553</b>	<b>9,552</b>	<b>4,891</b>	<b>4,532</b>	<b>9,423</b>	<b>5,894</b>	<b>4,459</b>	<b>10,353</b>
49. Railway tracks and roadbed.....	2,714	3,481	6,195	2,758	3,663	6,421	3,600	3,588	7,188
50. Signals and interlockers.....	88	121	209	105	124	229	135	123	258
51. Telegraph and telephone lines, underground and marine cables .....	2,197	951	3,148	2,028	745	2,773	2,159	748	2,907
<b>Gas and oil facilities .....</b>	<b>12,911</b>	<b>1,129</b>	<b>14,040</b>	<b>3,119</b>	<b>908</b>	<b>4,027</b>	<b>1,563</b>	<b>679</b>	<b>2,242</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks.....	73	8	81	25	10	35	515	8	523
56. Gas storage tanks .....	95	23	118	1,016	29	1,045	12	—	12
57. Oil pipe lines.....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells.....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—processing units .....	12,743	1,098	13,841	2,078	869	2,947	1,036	671	1,707
62. Natural gas cleaning plants.....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>3,609</b>	<b>2,760</b>	<b>6,369</b>	<b>1,594</b>	<b>983</b>	<b>2,577</b>	<b>2,665</b>	<b>1,204</b>	<b>3,869</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,362	2,029	4,391	317	352	669	332	335	667
64. Tunnels and subways .....	12	—	12	2	1	3	5	—	5
65. Incinerators .....	98	1	99	69	1	70	1,034	1	1,035
66. Park systems, landscaping, sodding, etc.....	137	42	179	—	21	21	39	22	61
67. Swimming pools, tennis courts, outdoor recreation facilities ....	61	26	87	31	13	44	26	14	40
68. Mine shafts and other below surface workings .....	303	312	615	533	351	884	390	546	936
69. Fences, snowsheds, signs, guard rails .....	181	204	385	153	165	318	150	167	317
70. Other engineering construction .....	455	146	601	489	79	568	689	119	808



TABLE 22. New Brunswick

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>135, 850</b>	<b>31, 433</b>	<b>167, 283</b>	<b>109, 152</b>	<b>38, 000</b>	<b>147, 152</b>	<b>113, 466</b>	<b>39, 281</b>	<b>152, 747</b>
<b>Total building construction .....</b>	<b>72, 900</b>	<b>13, 292</b>	<b>86, 192</b>	<b>68, 015</b>	<b>16, 061</b>	<b>84, 076</b>	<b>71, 902</b>	<b>15, 985</b>	<b>87, 887</b>
<b>Residential .....</b>	<b>31, 500</b>	<b>5, 100</b>	<b>36, 600</b>	<b>33, 200</b>	<b>6, 500</b>	<b>39, 700</b>	<b>38, 100</b>	<b>6, 600</b>	<b>44, 700</b>
1. Dwellings, single, double, duplexes and apartments .....	31, 500	5, 100	36, 600	33, 200	6, 500	39, 700	38, 100	6, 600	44, 700
<b>Industrial .....</b>	<b>7, 447</b>	<b>2, 517</b>	<b>9, 964</b>	<b>5, 838</b>	<b>2, 420</b>	<b>8, 258</b>	<b>6, 422</b>	<b>2, 175</b>	<b>8, 597</b>
2. Factories, plants, work shops, food canneries .....	3, 942	1, 358	5, 300	3, 746	1, 288	5, 034	5, 519	1, 053	6, 572
3. Mine and mine mill buildings .....	2, 757	38	2, 795	1, 279	10	1, 289	27	20	47
4. Railway stations, offices, roadway buildings .....	400	601	1, 001	463	635	1, 098	485	623	1, 108
5. Railway shops, engine houses, water and fuel stations .....	348	520	868	350	487	837	391	479	870
<b>Commercial .....</b>	<b>14, 772</b>	<b>2, 335</b>	<b>17, 107</b>	<b>10, 232</b>	<b>2, 195</b>	<b>12, 427</b>	<b>8, 011</b>	<b>2, 208</b>	<b>10, 219</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3, 159	394	3, 553	1, 547	395	1, 942	723	415	1, 138
7. Grain elevators .....	24	127	151	232	32	264	6	45	51
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1, 775	240	2, 015	404	261	665	256	266	522
9. Office buildings .....	2, 291	777	3, 068	1, 566	677	2, 243	2, 092	746	2, 838
10. Stores, retail and wholesale .....	2, 361	550	2, 911	4, 068	550	4, 618	3, 100	517	3, 617
11. Garages and service stations .....	4, 212	200	4, 412	1, 660	172	1, 832	1, 758	210	1, 968
12. Theatres, arenas, amusement and recreational buildings .....	950	31	981	755	108	863	76	9	85
13. Laundries and dry cleaning establishments .....	—	16	16	—	—	—	—	—	—
<b>Institutional .....</b>	<b>11, 431</b>	<b>1, 133</b>	<b>12, 564</b>	<b>13, 561</b>	<b>1, 954</b>	<b>15, 515</b>	<b>15, 682</b>	<b>1, 885</b>	<b>17, 567</b>
14. Schools and other educational buildings .....	4, 583	417	5, 000	5, 459	542	6, 001	6, 663	509	7, 172
15. Churches and other religious buildings .....	655	164	819	512	165	677	476	177	653
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5, 322	483	5, 805	7, 518	588	8, 106	7, 425	603	8, 028
17. Other institutional buildings .....	871	69	940	72	659	731	1, 118	596	1, 714
<b>Other building construction .....</b>	<b>7, 750</b>	<b>2, 207</b>	<b>9, 957</b>	<b>5, 184</b>	<b>2, 992</b>	<b>8, 176</b>	<b>3, 687</b>	<b>3, 117</b>	<b>6, 804</b>
18. Farm buildings (excluding dwellings) .....	1, 592	1, 134	2, 726	1, 506	1, 105	2, 611	1, 419	1, 107	2, 526
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 598	101	1, 699	1, 639	52	1, 691	1, 316	52	1, 368
20. Aeroplane hangars .....	9	4	13	28	8	36	—	9	9
21. Passenger terminals, bus, boat or air .....	—	1	1	—	—	—	249	—	249
22. Armouries, barracks, drill halls, etc. ....	3, 694	637	4, 331	1, 329	1, 348	2, 677	236	1, 454	1, 690
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	717	61	778	485	343	828	358	344	702
24. Other building construction .....	140	269	409	197	136	333	109	151	260
<b>Total engineering construction .....</b>	<b>62, 950</b>	<b>18, 141</b>	<b>81, 091</b>	<b>41, 137</b>	<b>21, 939</b>	<b>63, 076</b>	<b>41, 564</b>	<b>23, 296</b>	<b>64, 860</b>
<b>Marine construction .....</b>	<b>4, 499</b>	<b>926</b>	<b>5, 425</b>	<b>2, 246</b>	<b>1, 117</b>	<b>3, 363</b>	<b>3, 788</b>	<b>1, 147</b>	<b>4, 935</b>
25. Docks, wharves, piers, breakwaters .....	2, 758	419	3, 177	1, 183	635	1, 818	2, 921	664	3, 585
26. Retaining walls, embankments, riprapping .....	3	1	4	—	10	10	—	1	1
27. Canals and waterways .....	—	11	11	—	—	—	—	—	—
28. Dredging and pile driving .....	727	299	1, 026	1, 010	306	1, 316	826	302	1, 128
29. Dyke construction .....	495	32	527	7	61	68	—	71	71
30. Logging booms .....	—	105	105	—	17	17	—	13	13
31. Other marine construction .....	516	59	575	46	88	134	41	96	13 <sup>6</sup>

TABLE 22. New Brunswick - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Road, highway and aerodrome construction .....</b>	<b>20,280</b>	<b>7,266</b>	<b>27,546</b>	<b>15,366</b>	<b>10,836</b>	<b>26,202</b>	<b>15,504</b>	<b>12,368</b>	<b>27,872</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	14,073	425	14,498	12,639	9,720	22,359	13,669	11,272	24,941
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,669	6,411	11,080	290	359	649	368	364	732
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,034	406	1,440	447	366	813	367	366	733
35. Grading, scraping, oiling, filling .....	—	—	—	924	359	1,283	441	331	772
36. Sidewalks, paths .....	138	24	162	75	32	107	186	35	221
37. Aerodromes, landing fields, runways, tarmac .....	366	—	366	991	—	991	473	—	473
<b>Waterworks and sewage systems .....</b>	<b>1,476</b>	<b>602</b>	<b>2,078</b>	<b>2,126</b>	<b>377</b>	<b>2,503</b>	<b>1,521</b>	<b>383</b>	<b>1,904</b>
38. Tile drains, drainage ditches, storm sewers .....	75	36	111	145	37	182	152	33	185
39. Water mains, hydrants and services .....	872	536	1,408	899	154	1,053	679	163	842
40. Sewage systems and connections .....	494	27	521	933	176	1,109	436	184	620
41. Pumping stations, water .....	24	3	27	146	7	153	82	3	85
42. Water storage tanks .....	11	—	11	3	3	6	172	—	172
<b>Dams and irrigation .....</b>	<b>1,974</b>	<b>38</b>	<b>2,012</b>	<b>783</b>	<b>46</b>	<b>829</b>	<b>240</b>	<b>46</b>	<b>286</b>
43. Dams and reservoirs .....	1,878	1	1,879	59	9	68	16	10	26
44. Irrigation and land reclamation projects .....	96	37	133	724	37	761	224	36	260
<b>Electric power construction .....</b>	<b>19,643</b>	<b>819</b>	<b>20,462</b>	<b>9,129</b>	<b>369</b>	<b>9,498</b>	<b>8,842</b>	<b>343</b>	<b>9,185</b>
45. Electric power generating plants, including water conveying and controlling structures .....	14,013	370	14,383	4,338	35	4,373	3,593	40	3,633
46. Electric transformer stations .....	1,326	18	1,344	1,457	20	1,477	278	16	294
47. Power transmission and distribution lines, trolley wires .....	4,179	415	4,594	3,213	299	3,512	4,809	272	5,081
48. Street lighting .....	125	16	141	121	15	136	162	15	177
<b>Railway, telephone and telegraph .....</b>	<b>7,290</b>	<b>6,579</b>	<b>13,869</b>	<b>7,401</b>	<b>7,015</b>	<b>14,416</b>	<b>8,233</b>	<b>6,926</b>	<b>15,159</b>
49. Railway tracks and roadbed .....	4,441	5,284	9,725	4,520	5,862	10,382	4,974	5,780	10,754
50. Signals and interlockers .....	136	282	418	186	267	453	197	260	457
51. Telegraph and telephone lines, underground and marine cables .....	2,713	1,013	3,726	2,695	886	3,581	3,062	886	3,948
<b>Gas and oil facilities .....</b>	<b>570</b>	<b>54</b>	<b>624</b>	<b>283</b>	<b>71</b>	<b>354</b>	<b>400</b>	<b>14</b>	<b>414</b>
52. Gas mains and services .....	—	7	7	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	442	9	451	174	64	238	156	7	163
56. Gas storage tanks .....	71	38	109	56	—	56	16	—	16
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	28	—	28	3	—	3	183	—	183
60. Gas wells .....	29	—	29	50	7	57	45	7	52
61. Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>7,218</b>	<b>1,857</b>	<b>9,075</b>	<b>3,803</b>	<b>2,108</b>	<b>5,911</b>	<b>3,036</b>	<b>2,069</b>	<b>5,105</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,211	1,488	3,699	1,658	1,558	3,216	2,187	1,555	3,742
64. Tunnels and subways .....	—	3	3	6	6	12	5	7	12
65. Incinerators .....	—	8	8	—	9	9	1	11	12
66. Park systems, landscaping, sodding, etc. ....	56	71	127	7	125	132	163	134	297
67. Swimming pools, tennis courts, outdoor recreation facilities....	13	—	13	61	—	61	108	—	108
68. Mine shafts and other below surface workings .....	683	—	683	1,136	129	1,265	234	53	287
69. Fences, snowsheds, signs, guard rails .....	383	205	588	188	216	404	170	215	385
70. Other engineering construction .....	3,872	82	3,954	747	65	812	168	94	262

TABLE 23. Quebec

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction.....</b>	<b>1,260,547</b>	<b>264,145</b>	<b>1,524,692</b>	<b>1,401,640</b>	<b>260,766</b>	<b>1,662,406</b>	<b>1,379,311</b>	<b>256,817</b>	<b>1,636,128</b>
<b>Total building construction.....</b>	<b>832,001</b>	<b>167,200</b>	<b>999,201</b>	<b>809,268</b>	<b>157,894</b>	<b>967,162</b>	<b>797,300</b>	<b>160,126</b>	<b>957,426</b>
<b>Residential .....</b>	<b>472,400</b>	<b>76,600</b>	<b>549,000</b>	<b>383,300</b>	<b>72,900</b>	<b>456,200</b>	<b>443,900</b>	<b>76,400</b>	<b>520,300</b>
1. Dwellings, single, double, duplexes and apart- ments .....	472,400	76,600	549,000	383,300	72,900	456,200	443,900	76,400	520,300
<b>Industrial .....</b>	<b>103,619</b>	<b>30,186</b>	<b>133,805</b>	<b>121,287</b>	<b>28,703</b>	<b>149,990</b>	<b>75,241</b>	<b>27,165</b>	<b>102,406</b>
2. Factories, plants, work shops, food canneries ....	91,507	23,843	115,350	104,347	22,199	126,546	64,099	20,806	84,905
3. Mine and mine mill buildings .....	8,754	2,001	10,755	13,223	1,991	15,214	6,759	1,949	8,708
4. Railway stations, offices, roadway buildings .....	1,771	2,218	3,989	1,406	1,949	3,355	1,770	1,927	3,697
5. Railway shops, engine houses, water and fuel stations .....	1,587	2,124	3,711	2,311	2,564	4,875	2,613	2,483	5,096
<b>Commercial .....</b>	<b>107,821</b>	<b>20,546</b>	<b>128,367</b>	<b>148,244</b>	<b>21,965</b>	<b>170,209</b>	<b>119,613</b>	<b>21,195</b>	<b>140,808</b>
6. Warehouses, storehouses, refrigerated storage, etc.	17,557	2,965	20,522	16,240	3,688	19,928	12,001	3,446	15,447
7. Grain elevators .....	3,000	452	3,452	4,375	384	4,759	14,116	622	14,738
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	10,104	3,016	13,120	20,570	3,026	23,596	4,429	2,740	7,169
9. Office buildings .....	39,230	6,388	45,618	54,621	7,638	62,259	44,661	6,469	51,130
10. Stores, retail and wholesale.....	21,610	5,110	26,720	32,681	4,531	37,212	32,811	5,411	38,222
11. Garages and service stations.....	11,005	1,790	12,795	11,620	1,778	13,398	9,672	1,625	11,297
12. Theatres, arenas, amusement and recreational buildings .....	5,208	621	5,829	7,437	720	8,157	1,723	681	2,404
13. Laundries and dry cleaning establishments.....	107	204	311	700	200	900	200	201	401
<b>Institutional.....</b>	<b>95,405</b>	<b>21,700</b>	<b>117,105</b>	<b>115,299</b>	<b>17,434</b>	<b>132,733</b>	<b>108,556</b>	<b>17,577</b>	<b>126,133</b>
14. Schools and other educational buildings .....	43,851	6,907	50,758	57,830	6,856	64,686	55,185	7,682	62,867
15. Churches and other religious buildings .....	10,542	2,889	13,431	8,696	3,344	12,040	8,288	2,928	11,216
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	29,627	6,595	36,222	38,034	5,463	43,497	42,422	4,668	47,090
17. Other institutional buildings .....	11,385	5,309	16,694	10,739	1,771	12,510	2,661	2,299	4,960
<b>Other building construction.....</b>	<b>52,756</b>	<b>18,168</b>	<b>70,924</b>	<b>41,138</b>	<b>16,892</b>	<b>58,030</b>	<b>49,990</b>	<b>17,789</b>	<b>67,779</b>
18. Farm buildings (excluding dwellings).....	19,023	13,960	32,983	17,992	12,964	30,956	18,279	13,150	31,429
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	15,521	350	15,871	15,480	301	15,781	11,193	294	11,487
20. Aeroplane hangars .....	2,110	246	2,356	1,578	193	1,771	7,894	167	8,061
21. Passenger terminals, bus, boat or air.....	2,254	11	2,265	79	17	96	8,101	17	8,118
22. Armouries, barracks, drill halls, etc. ....	6,225	2,292	8,517	1,596	2,082	3,678	1,542	2,211	3,753
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	5,863	1,044	6,907	3,705	1,132	4,837	2,195	1,780	3,975
24. Other building construction .....	1,760	265	2,025	708	203	911	786	170	956
<b>Total engineering construction.....</b>	<b>428,546</b>	<b>96,945</b>	<b>525,491</b>	<b>592,372</b>	<b>102,872</b>	<b>695,244</b>	<b>582,011</b>	<b>96,691</b>	<b>678,702</b>
<b>Marine construction .....</b>	<b>52,276</b>	<b>4,241</b>	<b>56,517</b>	<b>83,022</b>	<b>3,792</b>	<b>86,814</b>	<b>58,916</b>	<b>3,539</b>	<b>62,455</b>
25. Docks, wharves, piers, breakwaters .....	12,742	1,489	14,231	13,938	1,489	15,427	12,426	1,550	13,976
26. Retaining walls, embankments, riprapping.....	435	683	1,118	991	504	1,495	2,538	553	3,091
27. Canals and waterways.....	13,457	340	13,797	54,661	344	55,005	20,728	364	21,092
28. Dredging and pile driving .....	8,406	867	9,273	12,505	772	13,277	22,805	344	23,149
29. Dyke construction .....	15,672	6	15,678	—	5	5	—	6	6
30. Logging booms .....	1,063	357	1,420	468	404	872	162	342	504
31. Other marine construction.....	501	499	1,000	459	274	733	257	380	637



TABLE 23. Quebec — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>95,827</b>	<b>35,516</b>	<b>131,343</b>	<b>131,456</b>	<b>36,312</b>	<b>167,768</b>	<b>123,046</b>	<b>29,984</b>	<b>153,030</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	44,475	16,714	61,189	95,837	29,300	125,137	95,481	23,173	118,654
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	27,486	10,711	38,197	14,707	4,663	19,370	8,484	4,887	13,371
34. Dirt, clay or other streets, roads, parking lots, etc. ....	10,084	5,182	15,266	5,170	1,245	6,415	7,174	825	7,999
35. Grading, scraping, oiling, filling .....	9,380	1,944	11,324	3,317	132	3,449	1,222	147	1,369
36. Sidewalks, paths .....	3,956	866	4,822	5,397	857	6,254	5,413	856	6,269
37. Aerodromes, landing fields, runways, tarmac .....	446	99	545	7,028	115	7,143	5,272	96	5,368
<b>Waterworks and sewage systems .....</b>	<b>41,655</b>	<b>6,779</b>	<b>48,434</b>	<b>41,723</b>	<b>7,998</b>	<b>49,721</b>	<b>46,024</b>	<b>8,479</b>	<b>54,503</b>
38. Tile drains, drainage ditches, storm sewers .....	8,916	2,548	11,464	689	2,520	3,209	442	2,510	2,952
39. Water mains, hydrants and services .....	17,212	3,432	20,644	23,290	4,793	28,083	23,329	5,063	28,392
40. Sewage systems and connections .....	13,239	645	13,884	16,610	564	17,174	16,548	567	17,115
41. Pumping stations, water .....	1,683	134	1,817	951	109	1,060	1,728	62	1,790
42. Water storage tanks .....	605	20	625	183	12	195	3,977	277	4,254
<b>Dams and irrigation .....</b>	<b>21,201</b>	<b>1,231</b>	<b>22,432</b>	<b>24,202</b>	<b>1,659</b>	<b>25,861</b>	<b>8,577</b>	<b>1,820</b>	<b>10,397</b>
43. Dams and reservoirs .....	19,909	674	20,583	22,996	1,226	24,222	6,236	1,380	7,616
44. Irrigation and land reclamation projects .....	1,292	557	1,849	1,206	433	1,639	2,341	440	2,781
<b>Electric power construction .....</b>	<b>120,259</b>	<b>7,680</b>	<b>127,939</b>	<b>139,861</b>	<b>9,139</b>	<b>149,000</b>	<b>141,167</b>	<b>9,167</b>	<b>150,334</b>
45. Electric power generating plants, including water conveying and controlling structures .....	53,929	2,532	56,461	71,244	1,904	73,148	72,782	1,539	74,321
46. Electric transformer stations .....	22,126	675	22,801	17,398	2,093	19,491	19,434	1,975	21,409
47. Power transmission and distribution lines, trolley wires .....	43,418	4,153	47,571	50,564	4,849	55,413	48,305	5,415	53,720
48. Street lighting .....	786	320	1,106	655	293	948	646	238	884
<b>Railway, telephone and telegraph .....</b>	<b>35,136</b>	<b>27,191</b>	<b>62,327</b>	<b>48,731</b>	<b>29,121</b>	<b>77,852</b>	<b>63,086</b>	<b>28,568</b>	<b>91,654</b>
49. Railway tracks and roadbed .....	16,147	18,069	34,216	20,811	20,210	41,021	29,416	19,068	48,484
50. Signals and interlockers .....	761	1,075	1,836	757	1,057	1,814	925	1,051	1,976
51. Telegraph and telephone lines, underground and marine cables .....	18,228	8,047	26,275	27,163	7,854	35,017	32,745	8,449	41,194
<b>Gas and oil facilities .....</b>	<b>21,771</b>	<b>6,127</b>	<b>27,898</b>	<b>27,099</b>	<b>6,822</b>	<b>33,921</b>	<b>29,639</b>	<b>7,076</b>	<b>36,715</b>
52. Gas mains and services .....	1,635	506	2,141	6,500	21	6,521	5,000	7	5,007
53. Pumping stations, oil .....	464	107	571	645	170	815	1,453	140	1,593
54. Pumping stations, gas .....	76	1	77	—	—	—	—	—	—
55. Oil storage tanks .....	2,763	246	3,009	3,795	156	3,951	3,249	153	3,402
56. Gas storage tanks .....	263	86	349	116	89	205	167	101	268
57. Oil pipe lines .....	1,309	43	1,352	544	66	610	168	53	221
58. Gas pipe lines .....	68	19	87	2,500	15	2,515	1,500	14	1,514
59. Oil wells .....	23	—	23	250	—	250	53	—	53
60. Gas wells .....	230	—	230	251	—	251	53	—	53
61. Oil refinery—processing units .....	14,940	5,119	20,059	12,498	6,301	18,799	17,996	6,604	24,600
62. Natural gas cleaning plants .....	—	—	—	—	4	4	—	4	4
<b>Other engineering construction .....</b>	<b>40,421</b>	<b>8,180</b>	<b>48,601</b>	<b>96,278</b>	<b>8,029</b>	<b>104,307</b>	<b>111,556</b>	<b>8,058</b>	<b>119,614</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	18,174	4,324	22,498	31,756	4,448	36,204	52,519	4,566	57,085
64. Tunnels and subways .....	1,202	89	1,291	39,016	85	39,101	38,670	85	38,755
65. Incinerators .....	4,277	22	4,299	5,806	21	5,827	5,793	22	5,815
66. Park systems, landscaping, sodding, etc. ....	1,621	595	2,216	2,535	644	3,179	2,737	585	3,322
67. Swimming pools, tennis courts, outdoor recreation facilities .....	1,011	242	1,253	1,147	221	1,368	1,295	210	1,505
68. Mine shafts and other below surface workings .....	8,803	650	9,453	9,505	613	10,118	6,841	635	7,476
69. Fences, snowsheds, signs, guard rails .....	1,497	1,751	3,248	1,523	1,515	3,038	1,635	1,509	3,144
70. Other engineering construction .....	3,836	507	4,343	4,990	482	5,472	2,066	446	2,512

TABLE 24. Ontario

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>1,788,611</b>	<b>374,073</b>	<b>2,162,684</b>	<b>2,124,400</b>	<b>398,177</b>	<b>2,522,577</b>	<b>2,294,831</b>	<b>410,628</b>	<b>2,705,459</b>
<b>Total building construction .....</b>	<b>1,238,698</b>	<b>223,682</b>	<b>1,462,380</b>	<b>1,268,264</b>	<b>228,832</b>	<b>1,497,096</b>	<b>1,308,096</b>	<b>237,915</b>	<b>1,546,011</b>
<b>Residential .....</b>	<b>601,600</b>	<b>97,600</b>	<b>699,200</b>	<b>553,300</b>	<b>105,600</b>	<b>658,900</b>	<b>647,100</b>	<b>111,500</b>	<b>758,600</b>
1. Dwellings, single, double, duplexes and apartments .....	601,600	97,600	699,200	553,300	105,600	658,900	647,100	111,500	758,600
<b>Industrial .....</b>	<b>235,788</b>	<b>52,371</b>	<b>288,159</b>	<b>248,704</b>	<b>51,514</b>	<b>300,218</b>	<b>152,419</b>	<b>52,199</b>	<b>204,618</b>
2. Factories, plants, workshops, food canneries .....	172,376	41,434	213,810	171,992	40,267	212,259	131,063	40,967	172,030
3. Mine and mine mill buildings .....	57,913	3,432	61,345	71,762	3,648	75,410	14,745	3,730	18,475
4. Railway stations, offices, roadway buildings .....	3,329	4,657	7,986	3,219	5,079	8,298	4,099	5,023	9,122
5. Railway shops, engine houses, water and fuel stations .....	2,170	2,848	5,018	1,731	2,520	4,251	2,512	2,479	4,991
<b>Commercial .....</b>	<b>190,096</b>	<b>34,084</b>	<b>224,180</b>	<b>267,275</b>	<b>33,768</b>	<b>301,043</b>	<b>255,974</b>	<b>35,643</b>	<b>291,617</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	26,748	3,833	30,581	29,114	3,406	32,520	30,499	3,570	34,069
7. Grain elevators .....	711	641	1,352	375	750	1,125	399	996	1,395
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	16,132	3,864	19,996	27,971	5,354	33,325	19,125	6,167	25,292
9. Office buildings .....	57,654	12,575	70,229	101,635	11,789	113,424	119,296	11,990	131,286
10. Stores, retail and wholesale .....	57,083	8,705	65,788	71,664	8,425	80,089	52,741	8,705	61,446
11. Garages and service stations .....	22,722	3,228	25,950	19,233	2,859	22,092	21,169	3,015	24,184
12. Theatres, arenas, amusement and recreational buildings .....	8,380	991	9,371	17,190	984	18,174	11,720	1,000	12,720
13. Laundries and dry cleaning establishments .....	666	247	913	93	201	294	1,025	200	1,225
<b>Institutional .....</b>	<b>138,037</b>	<b>14,890</b>	<b>152,927</b>	<b>146,114</b>	<b>14,855</b>	<b>160,969</b>	<b>200,688</b>	<b>15,056</b>	<b>215,744</b>
14. Schools and other educational buildings .....	76,440	7,142	83,582	84,179	7,007	91,186	95,322	7,233	102,558
15. Churches and other religious buildings .....	13,179	2,038	15,217	13,257	1,641	14,898	14,158	1,823	15,981
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	38,066	3,469	41,535	37,198	3,898	41,096	64,428	3,824	68,252
17. Other institutional buildings .....	10,352	2,241	12,593	11,480	2,309	13,789	26,780	2,173	28,953
<b>Other building construction .....</b>	<b>73,177</b>	<b>24,737</b>	<b>97,914</b>	<b>52,871</b>	<b>23,095</b>	<b>75,966</b>	<b>51,915</b>	<b>23,517</b>	<b>75,432</b>
18. Farm buildings (excluding dwellings) .....	25,643	18,393	44,036	25,593	17,408	43,001	26,167	17,612	43,779
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	22,813	234	23,047	11,651	176	11,827	10,121	190	10,311
20. Aeroplane hangars .....	2,349	642	2,991	2,143	726	2,869	1,118	636	1,754
21. Passenger terminals, bus, boat or air .....	174	28	202	1	3	4	3,729	122	3,851
22. Armouries, barracks, drill halls, etc. ....	7,607	3,865	11,472	4,952	3,438	8,390	2,363	3,726	6,089
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,886	976	6,862	7,357	901	8,258	2,411	737	3,148
24. Other building construction .....	8,705	599	9,304	1,174	443	1,617	6,006	494	6,500
<b>Total engineering construction .....</b>	<b>549,913</b>	<b>150,391</b>	<b>700,304</b>	<b>856,136</b>	<b>169,345</b>	<b>1,025,481</b>	<b>986,735</b>	<b>172,713</b>	<b>1,159,448</b>
<b>Marine construction .....</b>	<b>23,136</b>	<b>2,850</b>	<b>25,986</b>	<b>38,212</b>	<b>2,282</b>	<b>40,494</b>	<b>56,466</b>	<b>2,150</b>	<b>58,616</b>
25. Docks, wharves, piers, breakwaters .....	4,124	1,319	5,443	8,302	944	9,246	6,956	811	7,767
26. Retaining walls, embankments, riprapping .....	536	134	670	476	170	646	90	125	215
27. Canals and waterways .....	7,171	786	7,957	7,674	737	8,411	3,692	786	4,478
28. Dredging and pile driving .....	6,350	140	6,490	20,411	128	20,539	45,501	164	45,665
29. Dyke construction .....	-	94	94	-	16	16	-	14	14
30. Logging booms .....	195	204	399	92	185	277	5	148	153
31. Other marine construction .....	4,760	173	4,933	1,257	102	1,359	222	102	324



TABLE 24. Ontario - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>129,866</b>	<b>46,858</b>	<b>176,724</b>	<b>166,712</b>	<b>60,832</b>	<b>227,544</b>	<b>146,235</b>	<b>61,139</b>	<b>207,374</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	98,487	24,290	122,777	134,260	32,002	166,262	124,573	32,019	156,592
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	22,669	17,481	40,150	10,716	22,712	33,428	8,566	22,691	31,257
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,779	3,596	6,375	3,955	3,111	7,066	3,757	3,214	6,971
35. Grading, scraping, oiling, filling .....	1,516	261	1,777	1,508	1,255	2,763	487	1,366	1,853
36. Sidewalks, paths .....	3,217	1,029	4,246	4,644	1,603	6,247	4,711	1,693	6,404
37. Aerodromes, landing fields, runways, tarmac .....	1,198	201	1,399	11,629	149	11,778	4,141	156	4,297
<b>Waterworks and sewage systems .....</b>	<b>62,917</b>	<b>8,747</b>	<b>71,664</b>	<b>78,146</b>	<b>9,672</b>	<b>87,818</b>	<b>120,001</b>	<b>10,058</b>	<b>130,059</b>
38. Tile drains, drainage ditches, storm sewers .....	3,222	2,175	5,397	5,360	2,840	8,200	5,418	2,912	8,330
39. Water mains, hydrants and services .....	21,258	3,701	24,959	21,628	3,565	25,193	35,146	3,860	39,006
40. Sewage systems and connections .....	31,775	2,292	34,067	44,712	2,738	47,450	74,037	2,739	76,776
41. Pumping stations, water .....	5,672	558	6,230	4,973	479	5,452	4,682	389	5,071
42. Water storage tanks .....	990	21	1,011	1,473	50	1,523	718	158	876
<b>Dams and irrigation .....</b>	<b>6,782</b>	<b>793</b>	<b>7,575</b>	<b>6,117</b>	<b>776</b>	<b>6,893</b>	<b>6,582</b>	<b>750</b>	<b>7,332</b>
43. Dams and reservoirs .....	5,101	178	5,279	4,486	193	4,679	3,592	167	3,759
44. Irrigation and land reclamation projects .....	1,681	615	2,296	1,631	583	2,214	2,990	583	3,573
<b>Electric power construction .....</b>	<b>145,855</b>	<b>19,119</b>	<b>164,974</b>	<b>213,471</b>	<b>19,350</b>	<b>232,821</b>	<b>207,744</b>	<b>21,678</b>	<b>229,422</b>
45. Electric power generating plants, including water conveying and controlling structures .....	94,376	3,615	97,991	128,622	3,657	132,279	118,043	4,279	122,322
46. Electric transformer stations .....	7,595	2,507	10,102	21,881	2,334	24,215	24,336	2,668	27,004
47. Power transmission and distribution lines, trolley wires .....	41,481	11,633	53,114	60,823	12,199	73,022	62,715	13,530	76,245
48. Street lighting .....	2,403	1,364	3,767	2,145	1,160	3,305	2,650	1,201	3,851
<b>Railway, telephone and telegraph .....</b>	<b>69,160</b>	<b>51,553</b>	<b>120,713</b>	<b>76,352</b>	<b>54,708</b>	<b>131,060</b>	<b>90,304</b>	<b>55,029</b>	<b>145,333</b>
49. Railway tracks and roadbed .....	32,733	37,206	69,939	38,812	38,961	77,773	46,038	38,348	84,386
50. Signals and interlockers .....	2,224	2,023	4,247	2,019	1,866	3,885	1,696	1,816	3,512
51. Telegraph and telephone lines, underground and marine cables	34,203	12,324	46,527	35,521	13,881	49,402	42,570	14,865	57,435
<b>Gas and oil facilities .....</b>	<b>40,408</b>	<b>9,863</b>	<b>50,271</b>	<b>201,139</b>	<b>10,296</b>	<b>211,435</b>	<b>262,573</b>	<b>10,221</b>	<b>272,794</b>
52. Gas mains and services .....	10,415	1,398	11,813	23,893	1,838	25,731	29,535	1,343	30,878
53. Pumping stations, oil .....	628	165	793	1,108	174	1,282	427	172	599
54. Pumping stations, gas .....	-	-	-	125	41	166	25	2	27
55. Oil storage tanks .....	4,616	399	5,015	4,168	594	4,762	4,394	528	4,922
56. Gas storage tanks .....	945	343	1,288	875	423	1,298	756	566	1,322
57. Oil pipe lines .....	2,109	252	2,361	39,982	554	40,536	112,928	476	113,404
58. Gas pipe lines .....	1,252	340	1,592	81,121	67	81,188	61,309	53	61,362
59. Oil wells .....	188	1	189	391	13	404	278	15	293
60. Gas wells .....	1,083	125	1,208	1,040	147	1,187	613	66	679
61. Oil refinery - processing units .....	19,172	6,826	25,998	48,436	6,445	54,881	52,308	7,000	59,308
62. Natural gas cleaning plants .....	-	14	14	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>71,789</b>	<b>10,608</b>	<b>82,397</b>	<b>75,987</b>	<b>11,429</b>	<b>87,416</b>	<b>96,830</b>	<b>11,688</b>	<b>108,518</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	33,656	4,786	38,442	35,836	5,558	41,394	60,581	5,635	66,216
64. Tunnels and subways .....	1,348	60	1,408	2,831	201	3,032	10,224	244	10,468
65. Incinerators .....	60	73	133	329	43	372	105	102	207
66. Park systems, landscaping, sodding, etc. ....	968	1,119	2,087	2,592	1,023	3,615	6,905	1,031	7,936
67. Swimming pools, tennis courts, outdoor recreation facilities ..	490	176	666	142	110	252	353	106	459
68. Mine shafts and other below surface workings .....	25,949	324	26,273	28,157	323	28,480	11,961	384	12,345
69. Fences, snowsheds, signs, guard rails .....	2,759	2,962	5,721	2,488	3,012	5,500	2,598	3,021	5,619
70. Other engineering construction .....	6,559	1,108	7,667	3,612	1,159	4,771	4,103	1,165	5,268



TABLE 25. Manitoba

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>242, 278</b>	<b>61, 411</b>	<b>303, 689</b>	<b>266, 281</b>	<b>67, 906</b>	<b>334, 187</b>	<b>277, 588</b>	<b>67, 758</b>	<b>345, 346</b>
<b>Total building construction .....</b>	<b>151, 176</b>	<b>32, 121</b>	<b>183, 297</b>	<b>137, 152</b>	<b>31, 670</b>	<b>168, 822</b>	<b>152, 931</b>	<b>32, 750</b>	<b>185, 681</b>
<b>Residential.....</b>	<b>69, 300</b>	<b>11, 200</b>	<b>80, 500</b>	<b>50, 500</b>	<b>9, 700</b>	<b>60, 200</b>	<b>61, 300</b>	<b>10, 600</b>	<b>71, 900</b>
1. Dwellings, single, double, duplexes and apartments .....	69, 300	11, 200	80, 500	50, 500	9, 700	60, 200	61, 300	10, 600	71, 900
<b>Industrial.....</b>	<b>9, 622</b>	<b>6, 481</b>	<b>16, 103</b>	<b>24, 930</b>	<b>6, 526</b>	<b>31, 456</b>	<b>23, 337</b>	<b>5, 855</b>	<b>29, 192</b>
2. Factories, plants, workshops, food canneries .....	7, 651	2, 841	10, 492	14, 795	3, 601	18, 396	12, 611	2, 947	15, 558
3. Mine and mine mill buildings .....	496	951	1, 447	8, 509	95	8, 604	6, 481	121	6, 602
4. Railway stations, offices, roadway buildings .....	764	1, 284	2, 048	979	1, 450	2, 429	1, 227	1, 412	2, 639
5. Railway shops, engine houses, water and fuel stations.....	711	1, 405	2, 116	647	1, 380	2, 027	3, 018	1, 375	4, 393
<b>Commercial.....</b>	<b>28, 775</b>	<b>5, 199</b>	<b>33, 974</b>	<b>27, 020</b>	<b>5, 694</b>	<b>32, 714</b>	<b>35, 237</b>	<b>6, 017</b>	<b>41, 254</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	5, 378	698	6, 076	2, 217	808	3, 025	3, 443	833	4, 276
7. Grain elevators .....	1, 442	720	2, 162	854	771	1, 625	932	718	1, 650
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3, 481	585	4, 066	4, 807	681	5, 488	8, 516	660	9, 176
9. Office buildings .....	9, 357	1, 119	10, 476	7, 438	1, 317	8, 755	8, 574	1, 445	10, 019
10. Stores, retail and wholesale .....	6, 213	1, 579	7, 792	8, 304	1, 467	9, 771	10, 954	1, 735	12, 689
11. Garages and service stations .....	1, 211	305	1, 516	1, 798	366	2, 164	1, 581	320	1, 901
12. Theatres, arenas, amusement and recreational buildings.....	1, 630	117	1, 747	1, 602	184	1, 786	1, 237	206	1, 443
13. Laundries and dry cleaning establishments .....	63	76	139	—	100	100	—	100	100
<b>Institutional .....</b>	<b>20, 364</b>	<b>2, 601</b>	<b>22, 965</b>	<b>22, 601</b>	<b>3, 343</b>	<b>25, 944</b>	<b>19, 355</b>	<b>3, 747</b>	<b>23, 102</b>
14. Schools and other educational buildings.....	9, 083	1, 592	10, 675	10, 226	2, 252	12, 478	11, 900	2, 664	14, 564
15. Churches and other religious buildings.....	801	197	998	2, 411	89	2, 500	1, 119	85	1, 204
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	9, 453	619	10, 072	7, 290	867	8, 157	5, 775	879	6, 654
17. Other institutional buildings.....	1, 027	193	1, 220	2, 674	135	2, 809	561	119	680
<b>Other building construction .....</b>	<b>23, 115</b>	<b>6, 640</b>	<b>29, 755</b>	<b>12, 101</b>	<b>6, 407</b>	<b>18, 508</b>	<b>13, 702</b>	<b>6, 531</b>	<b>20, 233</b>
18. Farm buildings (excluding dwellings).....	7, 343	5, 113	12, 456	5, 846	4, 227	10, 073	6, 010	4, 223	10, 233
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	12, 034	147	12, 181	3, 116	140	3, 256	3, 786	153	3, 939
20. Aeroplane hangars .....	1, 697	213	1, 910	1, 133	317	1, 450	293	342	635
21. Passenger terminals, bus, boat or air.....	—	49	49	—	51	51	973	57	1, 030
22. Armouries, barracks, drill halls, etc. ....	1, 124	853	1, 977	1, 152	1, 252	2, 404	2, 158	1, 327	3, 485
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	222	80	302	182	110	292	235	99	334
24. Other building construction.....	695	185	880	672	310	982	247	330	577
<b>Total engineering construction .....</b>	<b>91, 102</b>	<b>29, 290</b>	<b>120, 392</b>	<b>129, 129</b>	<b>36, 236</b>	<b>165, 365</b>	<b>124, 657</b>	<b>35, 008</b>	<b>159, 665</b>
<b>Marine construction.....</b>	<b>136</b>	<b>202</b>	<b>338</b>	<b>441</b>	<b>948</b>	<b>1, 389</b>	<b>942</b>	<b>307</b>	<b>1, 249</b>
25. Docks, wharves, piers, breakwaters .....	71	160	231	415	864	1, 279	859	213	1, 072
26. Retaining walls, embankments, riprapping .....	20	25	45	14	56	70	83	52	135
27. Canals and waterways .....	2	—	2	—	—	—	—	—	—
28. Dredging and pile driving .....	4	2	6	—	19	19	—	28	28
29. Dyke construction.....	5	—	5	—	—	—	—	—	—
30. Logging booms .....	31	7	38	9	—	9	—	—	—
31. Other marine construction .....	3	8	11	3	9	12	—	14	14

TABLE 25. Manitoba — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>25,752</b>	<b>5,878</b>	<b>31,630</b>	<b>36,098</b>	<b>8,410</b>	<b>44,508</b>	<b>36,463</b>	<b>8,194</b>	<b>44,657</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	9,729	1,743	11,472	14,945	1,651	16,596	14,801	1,703	16,504
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	5,253	1,871	7,124	3,962	4,219	8,181	3,572	4,185	7,757
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,592	1,021	2,613	11,931	2,170	14,101	12,148	1,915	14,063
35. Grading, scraping, oiling, filling .....	7,327	1,135	8,462	284	107	391	266	110	376
36. Sidewalks, paths.....	325	50	375	356	178	534	406	191	597
37. Aerodromes, landing fields, runways, tarmac.....	1,526	58	1,584	4,620	85	4,705	5,270	90	5,360
<b>Waterworks and sewage systems.....</b>	<b>4,175</b>	<b>1,290</b>	<b>5,465</b>	<b>8,257</b>	<b>1,601</b>	<b>9,858</b>	<b>8,578</b>	<b>1,579</b>	<b>10,157</b>
38. Tile drains, drainage ditches, storm sewers .....	985	197	1,182	1,008	353	1,361	1,388	375	1,763
39. Water mains, hydrants and services.....	1,428	876	2,304	2,537	865	3,402	3,551	858	4,409
40. Sewage systems and connections.....	1,634	208	1,842	3,888	340	4,228	3,509	301	3,810
41. Pumping stations, water .....	93	9	102	818	43	861	21	45	66
42. Water storage tanks .....	35	—	35	6	—	6	109	—	109
<b>Dams and irrigation.....</b>	<b>793</b>	<b>496</b>	<b>1,289</b>	<b>704</b>	<b>402</b>	<b>1,106</b>	<b>2,516</b>	<b>490</b>	<b>3,006</b>
43. Dams and reservoirs.....	329	325	654	20	61	81	235	66	301
44. Irrigation and land reclamation projects .....	464	171	635	684	341	1,025	2,281	424	2,705
<b>Electric power construction.....</b>	<b>11,269</b>	<b>1,384</b>	<b>12,653</b>	<b>14,078</b>	<b>1,624</b>	<b>15,702</b>	<b>29,038</b>	<b>1,595</b>	<b>30,633</b>
45. Electric power generating plants, including water conveying and controlling structures .....	4,199	498	4,697	9,825	765	10,590	18,426	741	19,167
46. Electric transformer stations .....	1,105	104	1,209	938	94	1,032	2,075	112	2,187
47. Power transmission and distribution lines, trolley wires.....	5,849	743	6,592	3,141	690	3,831	8,302	663	8,965
48. Street lighting .....	116	39	155	174	75	249	235	79	314
<b>Railway, telephone and telegraph.....</b>	<b>16,409</b>	<b>15,593</b>	<b>32,002</b>	<b>15,742</b>	<b>17,089</b>	<b>32,831</b>	<b>25,551</b>	<b>17,027</b>	<b>42,578</b>
49. Railway tracks and roadbed .....	9,571	12,319	21,890	10,234	13,432	23,666	15,677	13,177	28,854
50. Signals and interlockers .....	337	350	687	466	593	1,059	685	574	1,259
51. Telegraph and telephone lines, underground and marine cables	6,501	2,924	9,425	5,042	3,064	8,106	9,189	3,276	12,465
<b>Gas and oil facilities .....</b>	<b>24,189</b>	<b>853</b>	<b>25,042</b>	<b>44,953</b>	<b>1,175</b>	<b>46,128</b>	<b>11,768</b>	<b>1,116</b>	<b>12,884</b>
52. Gas mains and services.....	2,239	—	2,239	2,689	—	2,689	2,771	—	2,771
53. Pumping stations, oil.....	328	224	552	611	235	846	934	253	1,187
54. Pumping stations, gas .....	—	8	8	35	—	35	91	—	91
55. Oil storage tanks .....	1,908	63	1,971	334	24	358	717	40	757
56. Gas storage tanks.....	145	35	180	125	38	163	269	54	323
57. Oil pipe lines .....	5,417	55	5,472	1,165	53	1,218	596	57	653
58. Gas pipe lines.....	7,272	—	7,272	32,354	—	32,354	2,005	—	2,005
59. Oil wells .....	5,812	159	5,971	3,640	325	3,965	2,085	312	2,397
60. Gas wells.....	26	—	26	—	—	—	—	—	—
61. Oil refinery — processing units .....	1,042	309	1,351	4,000	500	4,500	2,300	400	2,700
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>8,379</b>	<b>3,594</b>	<b>11,973</b>	<b>8,856</b>	<b>4,987</b>	<b>13,843</b>	<b>9,801</b>	<b>4,700</b>	<b>14,501</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	3,868	1,827	5,695	4,558	1,962	6,520	5,154	1,845	6,999
64. Tunnels and subways.....	—	—	—	29	3	32	44	5	49
65. Incinerators .....	20	—	20	—	14	14	215	14	229
66. Park systems, landscaping, sodding, etc.....	133	124	257	145	164	309	194	174	368
67. Swimming pools, tennis courts, outdoor recreation facilities.....	113	4	117	44	6	50	153	6	159
68. Mine shafts and other below surface workings.....	2,728	541	3,269	2,149	547	2,696	2,522	573	3,095
69. Fences, snowsheds, signs, guard rails.....	700	888	1,588	446	703	1,149	600	712	1,312
70. Other engineering construction.....	817	210	1,027	1,485	1,588	3,073	919	1,371	2,290

TABLE 26. Saskatchewan

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>298,551</b>	<b>66,844</b>	<b>365,395</b>	<b>309,582</b>	<b>69,692</b>	<b>379,274</b>	<b>303,159</b>	<b>69,434</b>	<b>372,593</b>
<b>Total building construction .....</b>	<b>119,611</b>	<b>33,307</b>	<b>152,918</b>	<b>121,915</b>	<b>32,615</b>	<b>154,530</b>	<b>139,076</b>	<b>33,355</b>	<b>172,431</b>
<b>Residential .....</b>	<b>42,500</b>	<b>6,900</b>	<b>49,400</b>	<b>51,600</b>	<b>10,000</b>	<b>61,600</b>	<b>59,600</b>	<b>10,300</b>	<b>69,900</b>
1. Dwellings, single, double, duplexes and apartments.....	42,500	6,900	49,400	51,600	10,000	61,600	59,600	10,300	69,900
<b>Industrial .....</b>	<b>11,662</b>	<b>3,179</b>	<b>14,841</b>	<b>10,252</b>	<b>3,047</b>	<b>13,299</b>	<b>6,808</b>	<b>3,023</b>	<b>9,831</b>
2. Factories, plants, workshops, food canneries .....	4,699	1,037	5,736	4,138	1,049	5,187	3,238	1,080	4,318
3. Mine and mine mill buildings.....	5,718	258	5,976	4,830	150	4,980	2,335	130	2,465
4. Railway stations, offices, roadway buildings.....	720	1,207	1,927	855	1,212	2,067	780	1,181	1,961
5. Railway shops, engine houses, water and fuel stations.....	525	677	1,202	429	636	1,065	455	632	1,087
<b>Commercial .....</b>	<b>17,986</b>	<b>6,160</b>	<b>24,146</b>	<b>20,666</b>	<b>5,540</b>	<b>26,206</b>	<b>25,822</b>	<b>5,709</b>	<b>31,531</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	1,881	582	2,463	1,820	574	2,394	4,188	698	4,886
7. Grain elevators .....	4,126	2,466	6,592	3,218	2,433	5,651	3,812	2,427	6,239
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	571	552	1,123	695	545	1,240	439	443	882
9. Office buildings.....	3,851	1,041	4,892	5,915	788	6,703	7,135	715	7,850
10. Stores, retail and wholesale .....	4,853	1,175	6,028	6,545	966	7,511	7,218	1,160	8,378
11. Garages and service stations .....	1,566	230	1,796	1,942	167	2,109	2,322	188	2,510
12. Theatres, arenas, amusement and recreational buildings.....	1,092	75	1,167	531	67	598	708	78	786
13. Laundries and dry cleaning establishments .....	46	39	85	—	—	—	—	—	—
<b>Institutional .....</b>	<b>25,910</b>	<b>4,803</b>	<b>30,713</b>	<b>22,686</b>	<b>3,108</b>	<b>25,794</b>	<b>26,766</b>	<b>3,340</b>	<b>30,106</b>
14. Schools and other educational buildings.....	13,295	1,886	15,181	10,780	1,737	12,517	14,000	1,954	15,954
15. Churches and other religious buildings.....	1,610	236	1,846	2,398	210	2,608	1,500	201	1,701
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	8,856	1,020	9,876	5,628	914	6,542	7,994	1,015	9,009
17. Other institutional buildings .....	2,149	1,661	3,810	3,880	247	4,127	3,272	170	3,442
<b>Other building construction .....</b>	<b>21,553</b>	<b>12,265</b>	<b>33,818</b>	<b>16,711</b>	<b>10,920</b>	<b>27,631</b>	<b>20,080</b>	<b>10,983</b>	<b>31,063</b>
18. Farm buildings (excluding dwellings) .....	16,704	11,628	28,332	14,162	10,301	24,463	14,305	10,390	24,695
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	1,981	44	2,025	1,173	69	1,242	3,222	102	3,324
20. Aeroplane hangars.....	47	65	112	123	19	142	60	21	81
21. Passenger terminals, bus, boat or air .....	—	—	—	11	—	11	985	—	985
22. Armouries, barracks, drill halls, etc.....	1,519	362	1,881	—	126	126	205	139	344
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	611	140	751	460	145	605	438	125	563
24. Other building construction.....	691	26	717	782	260	1,042	865	206	1,071
<b>Total engineering construction.....</b>	<b>178,940</b>	<b>33,537</b>	<b>212,477</b>	<b>187,667</b>	<b>37,077</b>	<b>224,744</b>	<b>164,083</b>	<b>36,079</b>	<b>200,162</b>
<b>Marine construction .....</b>	<b>281</b>	<b>49</b>	<b>330</b>	<b>128</b>	<b>91</b>	<b>219</b>	<b>50</b>	<b>83</b>	<b>133</b>
25. Docks, wharves, piers, breakwaters.....	247	41	288	117	82	199	48	79	127
26. Retaining walls, embankments, riprapping .....	4	—	4	8	—	8	2	—	2
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving.....	5	—	5	3	—	3	—	—	—
29. Dyke construction.....	—	2	2	—	2	2	—	2	2
30. Logging booms.....	25	6	31	—	—	—	—	2	2
31. Other marine construction .....	—	—	—	—	7	7	—	—	—



TABLE 26. Saskatchewan - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>22,037</b>	<b>10,352</b>	<b>32,389</b>	<b>26,994</b>	<b>12,466</b>	<b>39,460</b>	<b>28,688</b>	<b>11,204</b>	<b>39,892</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	17,097	6,216	23,313	8,617	3,744	12,361	7,275	2,729	10,004
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,513	1,214	2,727	10,817	6,625	17,442	13,955	6,198	20,153
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,609	2,653	4,262	4,994	1,919	6,913	5,054	2,028	7,082
35. Grading, scraping, oiling, filling .....	78	30	108	55	18	73	27	20	47
36. Sidewalks, paths .....	1,173	202	1,375	1,272	141	1,413	1,018	209	1,227
37. Aerodromes, landing fields, runways, tarmac .....	567	37	604	1,239	19	1,258	1,359	20	1,379
<b>Waterworks and sewage systems.....</b>	<b>6,984</b>	<b>1,027</b>	<b>8,011</b>	<b>7,784</b>	<b>950</b>	<b>8,734</b>	<b>12,368</b>	<b>883</b>	<b>13,251</b>
38. Tile drains, drainage ditches, storm sewers.....	207	116	323	1,775	90	1,865	1,457	108	1,565
39. Water mains, hydrants and services.....	2,664	526	3,190	2,310	467	2,777	2,057	394	2,451
40. Sewage systems and connections.....	3,621	328	3,949	2,877	340	3,217	8,257	369	8,626
41. Pumping stations, water.....	492	53	545	527	10	537	170	12	182
42. Water storage tanks.....	—	4	4	295	43	338	427	—	427
<b>Dams and irrigation .....</b>	<b>1,804</b>	<b>864</b>	<b>2,668</b>	<b>2,679</b>	<b>513</b>	<b>3,192</b>	<b>2,625</b>	<b>551</b>	<b>3,176</b>
43. Dams and reservoirs .....	752	328	1,080	231	112	343	657	142	799
44. Irrigation and land reclamation projects .....	1,052	536	1,588	2,448	401	2,849	1,968	409	2,377
<b>Electric power construction .....</b>	<b>20,043</b>	<b>1,783</b>	<b>21,826</b>	<b>26,224</b>	<b>2,023</b>	<b>28,247</b>	<b>28,641</b>	<b>1,804</b>	<b>30,445</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,013	438	2,451	15,773	406	16,179	18,458	418	18,876
46. Electric transformer stations.....	515	5	520	128	6	134	—	8	8
47. Power transmission and distribution lines, trolley wires.....	17,338	1,148	18,486	9,953	1,393	11,346	9,927	1,160	11,087
48. Street lighting .....	177	192	369	370	218	588	256	218	474
<b>Railway, telephone and telegraph .....</b>	<b>16,821</b>	<b>12,328</b>	<b>29,149</b>	<b>14,168</b>	<b>13,523</b>	<b>27,691</b>	<b>14,774</b>	<b>13,363</b>	<b>28,137</b>
49. Railway tracks and roadbed.....	10,235	10,736	20,971	8,591	11,054	19,645	9,491	10,841	20,332
50. Signals and interlockers.....	328	318	646	373	525	898	427	505	932
51. Telegraph and telephone lines, underground and marine cables .....	6,258	1,274	7,532	5,204	1,944	7,148	4,856	2,017	6,873
<b>Gas and oil facilities .....</b>	<b>103,728</b>	<b>3,065</b>	<b>106,793</b>	<b>93,080</b>	<b>4,038</b>	<b>97,118</b>	<b>71,258</b>	<b>4,460</b>	<b>75,718</b>
52. Gas mains and services.....	5,198	28	5,226	2,999	—	2,999	8,704	88	8,792
53. Pumping stations, oil.....	293	292	585	804	442	1,246	2,042	482	2,524
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks.....	2,061	186	2,247	2,411	137	2,548	1,413	128	1,541
56. Gas storage tanks.....	865	4	869	121	12	133	219	3	222
57. Oil pipe lines.....	7,267	92	7,359	6,283	156	6,439	3,753	139	3,892
58. Gas pipe lines.....	44,169	41	44,210	28,704	38	28,742	9,237	56	9,293
59. Oil wells.....	41,996	960	42,956	50,962	1,528	52,490	41,758	1,738	43,496
60. Gas wells .....	446	9	455	58	6	64	80	8	88
61. Oil refinery — processing units .....	1,433	1,452	2,885	738	1,719	2,457	4,052	1,818	5,870
62. Natural gas cleaning plants.....	—	1	1	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>7,242</b>	<b>4,069</b>	<b>11,311</b>	<b>16,610</b>	<b>3,473</b>	<b>20,083</b>	<b>5,679</b>	<b>3,731</b>	<b>9,410</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	2,172	1,371	3,543	2,110	1,364	3,474	2,350	1,389	3,739
64. Tunnels and subways.....	2	—	2	18	127	145	25	405	430
65. Incinerators .....	1	76	77	10,325	45	10,370	58	21	79
66. Park systems, landscaping, sodding, etc.....	88	40	128	—	14	14	5	15	20
67. Swimming pools, tennis courts, outdoor recreation facilities.....	2	6	8	15	2	17	18	2	20
68. Mine shafts and other below surface workings.....	3,524	388	3,912	2,948	407	3,355	1,915	375	2,290
69. Fences, snowsheds, signs, guard rails.....	1,432	2,096	3,528	814	1,309	2,123	913	1,336	2,249
70. Other engineering construction.....	21	92	113	380	205	585	395	188	583

TABLE 27. Alberta

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>622, 744</b>	<b>102, 812</b>	<b>725, 556</b>	<b>605, 613</b>	<b>107, 561</b>	<b>713, 174</b>	<b>694, 905</b>	<b>109, 805</b>	<b>804, 710</b>
<b>Total building construction .....</b>	<b>292, 762</b>	<b>52, 600</b>	<b>345, 362</b>	<b>272, 435</b>	<b>52, 796</b>	<b>325, 231</b>	<b>291, 399</b>	<b>53, 092</b>	<b>344, 491</b>
<b>Residential .....</b>	<b>133, 900</b>	<b>21, 700</b>	<b>155, 600</b>	<b>120, 900</b>	<b>22, 900</b>	<b>143, 800</b>	<b>138, 400</b>	<b>24, 000</b>	<b>162, 400</b>
1. Dwellings, single, double, duplexes and apartments .....	133,900	21,700	155,600	120,900	22,900	143,800	138,400	24,000	162,400
<b>Industrial .....</b>	<b>32, 268</b>	<b>5, 029</b>	<b>37, 297</b>	<b>14, 808</b>	<b>5, 614</b>	<b>20, 422</b>	<b>12, 549</b>	<b>5, 342</b>	<b>17, 891</b>
2. Factories, plants, workshops, food canneries .....	29,879	2,768	32,647	12,866	3,270	16,136	8,141	3,098	11,239
3. Mine and mine mill buildings .....	1,109	514	1,623	31	226	257	6	141	147
4. Railway stations, offices, roadway buildings .....	726	991	1,717	923	1,242	2,165	739	1,219	1,958
5. Railway shops, engine houses, water and fuel stations .....	554	756	1,310	988	876	1,864	3,663	884	4,547
<b>Commercial .....</b>	<b>51, 272</b>	<b>9, 572</b>	<b>60, 844</b>	<b>62, 610</b>	<b>9, 524</b>	<b>72, 134</b>	<b>54, 105</b>	<b>8, 758</b>	<b>62, 863</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,961	884	7,845	10,191	1,890	12,081	6,428	1,603	8,031
7. Grain elevators .....	2,372	1,400	3,772	2,297	1,392	3,689	1,185	1,411	2,596
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,089	1,246	5,335	3,128	1,563	4,691	3,495	1,547	5,042
9. Office buildings .....	18,230	3,714	21,944	20,512	1,881	22,393	23,463	1,693	25,156
10. Stores, retail and wholesale .....	9,519	1,604	11,123	15,299	1,785	17,084	11,084	1,564	12,648
11. Garages and service stations .....	3,048	506	3,554	7,234	579	7,813	5,904	588	6,492
12. Theatres, arenas, amusement and recreational buildings .....	6,893	161	7,054	3,649	335	3,984	2,248	252	2,500
13. Laundries and dry cleaning establishments .....	160	57	217	300	99	399	298	100	398
<b>Institutional .....</b>	<b>38, 298</b>	<b>3, 678</b>	<b>41, 976</b>	<b>49, 772</b>	<b>3, 038</b>	<b>52, 810</b>	<b>61, 168</b>	<b>3, 125</b>	<b>64, 293</b>
14. Schools and other educational buildings .....	23,825	2,101	25,926	38,166	2,111	40,277	46,801	2,166	48,967
15. Churches and other religious buildings .....	2,853	116	2,969	1,317	106	1,423	1,545	106	1,651
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	9,567	1,099	10,666	9,486	639	10,125	11,450	639	12,089
17. Other institutional buildings .....	2,053	362	2,415	803	182	985	1,372	214	1,586
<b>Other building construction .....</b>	<b>37, 024</b>	<b>12, 621</b>	<b>49, 645</b>	<b>24, 345</b>	<b>11, 720</b>	<b>36, 065</b>	<b>25, 177</b>	<b>11, 867</b>	<b>37, 044</b>
18. Farm buildings (excluding dwellings) .....	14,789	10,790	25,579	12,703	9,291	21,994	13,201	9,390	22,591
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	10,753	144	10,897	5,401	114	5,515	4,910	110	5,020
20. Aeroplane hangars .....	530	197	727	228	279	507	120	297	417
21. Passenger terminals, bus, boat or air .....	158	24	182	68	41	109	3,790	31	3,821
22. Armouries, barracks, drill halls, etc. ....	4,866	1,096	5,962	3,821	1,534	5,355	1,935	1,632	3,567
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,283	175	4,458	1,831	269	2,100	867	236	1,103
24. Other building construction .....	1,645	195	1,840	293	192	485	354	171	525
<b>Total engineering construction .....</b>	<b>329, 982</b>	<b>50, 212</b>	<b>380, 194</b>	<b>333, 178</b>	<b>54, 765</b>	<b>387, 943</b>	<b>403, 506</b>	<b>56, 713</b>	<b>460, 219</b>
<b>Marine construction .....</b>	<b>221</b>	<b>133</b>	<b>354</b>	<b>361</b>	<b>156</b>	<b>517</b>	<b>1, 485</b>	<b>225</b>	<b>1, 710</b>
25. Docks, wharves, piers, breakwaters .....	118	56	174	304	122	426	469	128	597
26. Retaining walls, embankments, riprapping .....	24	4	28	28	6	34	1,006	56	1,062
27. Canals and waterways .....	—	—	—	—	7	7	—	18	18
28. Dredging and pile driving .....	—	3	3	29	4	33	10	5	15
29. Dyke construction .....	—	12	12	—	17	17	—	18	18
30. Logging booms .....	56	15	71	—	—	—	—	—	—
31. Other marine construction .....	23	43	66	—	—	—	—	—	—

TABLE 27. Alberta — Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>56,839</b>	<b>17,309</b>	<b>74,148</b>	<b>66,354</b>	<b>19,863</b>	<b>86,217</b>	<b>77,964</b>	<b>21,045</b>	<b>99,009</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	29,696	4,750	34,446	39,234	4,660	43,894	35,345	4,690	40,035
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	14,931	10,190	25,121	14,489	12,297	26,786	26,233	13,403	39,636
34. Dirt, clay or other streets, roads, parking .....	3,331	1,813	5,144	4,138	1,683	5,821	3,829	1,726	5,555
35. Grading, scraping, oiling, filling .....	5,701	116	5,817	3,566	717	4,283	3,284	675	3,959
36. Sidewalks, paths .....	3,068	318	3,386	3,263	333	3,596	3,334	367	3,701
37. Aerodromes, landing fields, runways, tarmac .....	112	122	234	1,664	173	1,837	5,939	184	6,123
<b>Waterworks and sewage systems .....</b>	<b>26,538</b>	<b>2,207</b>	<b>28,745</b>	<b>20,072</b>	<b>2,694</b>	<b>22,766</b>	<b>23,826</b>	<b>2,640</b>	<b>26,466</b>
38. Tile drains, drainage ditches, storm sewers .....	866	129	995	762	172	934	448	171	619
39. Water mains, hydrants and services .....	6,481	1,274	7,755	5,823	1,349	7,172	6,948	1,415	8,363
40. Sewage systems and connections .....	16,553	737	17,290	13,221	1,061	14,282	15,383	906	16,289
41. Pumping stations, water .....	2,390	63	2,453	265	107	372	625	144	769
42. Water storage tanks .....	248	4	252	1	5	6	422	4	426
<b>Dams and irrigation .....</b>	<b>8,450</b>	<b>802</b>	<b>9,252</b>	<b>7,115</b>	<b>1,004</b>	<b>8,119</b>	<b>4,543</b>	<b>1,124</b>	<b>5,667</b>
43. Dams and reservoirs .....	818	145	963	879	203	1,082	47	207	254
44. Irrigation and land reclamation projects .....	7,632	657	8,289	6,236	801	7,037	4,496	917	5,413
<b>Electric power construction .....</b>	<b>19,151</b>	<b>2,332</b>	<b>21,483</b>	<b>17,206</b>	<b>2,197</b>	<b>19,403</b>	<b>16,520</b>	<b>2,311</b>	<b>18,831</b>
45. Electric power generating plants, including water conveying and controlling structures .....	6,152	229	6,381	4,826	221	5,047	4,812	247	5,059
46. Electric transformer stations .....	1,063	114	1,177	921	95	1,016	1,002	112	1,114
47. Power transmission and distribution lines, trolley wires .....	10,747	1,780	12,527	9,374	1,683	11,057	9,037	1,748	10,785
48. Street lighting .....	1,189	209	1,398	2,085	198	2,283	1,669	204	1,873
<b>Railway, telephone and telegraph .....</b>	<b>16,766</b>	<b>13,214</b>	<b>29,980</b>	<b>19,635</b>	<b>14,054</b>	<b>33,689</b>	<b>20,014</b>	<b>13,982</b>	<b>33,996</b>
49. Railway tracks and roadbed .....	8,540	11,038	19,578	11,214	12,201	23,415	11,058	12,163	23,221
50. Signals and interlockers .....	713	390	1,103	486	517	1,003	403	499	902
51. Telegraph and telephone lines, underground and marine cables	7,513	1,786	9,299	7,935	1,336	9,271	8,553	1,320	9,873
<b>Gas and oil facilities .....</b>	<b>191,169</b>	<b>8,434</b>	<b>199,603</b>	<b>181,428</b>	<b>8,145</b>	<b>189,573</b>	<b>237,600</b>	<b>8,577</b>	<b>246,177</b>
52. Gas mains and services .....	5,163	644	5,807	5,088	408	5,496	14,459	362	14,821
53. Pumping stations, oil .....	3,832	373	4,205	5,374	536	5,910	847	540	1,387
54. Pumping stations, gas .....	87	60	147	—	7	7	2	9	11
55. Oil storage tanks .....	5,248	344	5,592	4,314	218	4,532	3,177	216	3,393
56. Gas storage tanks .....	305	12	317	91	—	91	68	28	96
57. Oil pipe lines .....	15,466	313	15,779	16,447	327	16,774	9,602	408	10,010
58. Gas pipe lines .....	5,906	240	6,146	12,446	178	12,624	34,638	236	34,874
59. Oil wells .....	130,178	3,089	133,267	106,577	3,481	110,058	115,786	3,587	119,373
60. Gas wells .....	7,765	83	7,848	16,848	224	17,072	19,628	220	19,848
61. Oil refinery—processing units .....	6,851	3,101	9,952	7,176	2,225	9,401	16,110	2,286	18,396
62. Natural gas cleaning plants .....	10,368	175	10,543	7,067	541	7,608	23,283	685	23,968
<b>Other engineering construction .....</b>	<b>10,848</b>	<b>5,781</b>	<b>16,629</b>	<b>21,007</b>	<b>6,652</b>	<b>27,659</b>	<b>21,554</b>	<b>6,809</b>	<b>28,363</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,217	3,986	11,203	17,491	4,554	22,045	18,927	4,647	23,574
64. Tunnels and subways .....	211	1	212	110	5	115	28	—	28
65. Incinerators .....	—	82	82	224	121	345	—	125	125
66. Park systems, landscaping, sodding, etc. ....	335	249	584	428	351	779	807	397	1,204
67. Swimming pools, tennis courts, outdoor recreation facilities....	94	63	157	83	89	172	162	95	257
68. Mine shafts and other below surface workings .....	—	44	44	—	42	42	—	40	40
69. Fences, snowsheds, signs, guard rails .....	921	1,245	2,166	853	1,086	1,939	837	1,097	1,934
70. Other engineering construction .....	2,070	111	2,181	1,818	404	2,222	793	408	1,201



TABLE 28. British Columbia

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Total value of construction .....</b>	<b>748,048</b>	<b>122,598</b>	<b>870,646</b>	<b>913,744</b>	<b>124,296</b>	<b>1,038,040</b>	<b>699,496</b>	<b>126,022</b>	<b>825,518</b>
<b>Total building construction .....</b>	<b>385,803</b>	<b>63,362</b>	<b>449,165</b>	<b>370,597</b>	<b>63,406</b>	<b>434,003</b>	<b>345,036</b>	<b>63,328</b>	<b>408,364</b>
<b>Residential .....</b>	<b>173,200</b>	<b>28,100</b>	<b>201,300</b>	<b>173,300</b>	<b>32,900</b>	<b>206,200</b>	<b>192,500</b>	<b>33,400</b>	<b>225,900</b>
1. Dwellings, single, double, duplexes and apartments .....	173,200	28,100	201,300	173,300	32,900	206,200	192,500	33,400	225,900
<b>Industrial .....</b>	<b>77,856</b>	<b>9,880</b>	<b>87,736</b>	<b>67,801</b>	<b>10,275</b>	<b>78,076</b>	<b>23,569</b>	<b>9,911</b>	<b>33,480</b>
2. Factories, plants workshops, food canneries .....	74,650	7,996	82,646	63,467	7,505	70,972	19,723	7,255	26,978
3. Mine and mine mill buildings .....	1,266	377	1,643	1,955	774	2,729	1,605	705	2,310
4. Railway stations, offices, roadway buildings .....	1,523	1,056	2,579	1,643	1,360	3,003	1,522	1,300	2,822
5. Railway shops, engine houses, water and fuel stations .....	417	451	868	736	636	1,372	719	651	1,370
<b>Commercial .....</b>	<b>48,506</b>	<b>9,016</b>	<b>57,522</b>	<b>59,232</b>	<b>8,512</b>	<b>67,744</b>	<b>53,364</b>	<b>8,786</b>	<b>62,150</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	12,318	1,508	13,826	10,105	1,596	11,701	8,153	1,520	9,673
7. Grain elevators .....	1,063	42	1,105	27	132	159	888	145	1,033
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,520	1,583	4,103	1,725	1,587	3,312	1,772	1,632	3,404
9. Office buildings .....	16,262	2,115	18,377	21,026	2,012	23,038	18,641	1,631	20,272
10. Stores, retail and wholesale .....	10,713	2,567	13,280	19,865	2,128	21,993	17,374	2,814	20,188
11. Garages and service stations .....	3,858	808	4,666	4,810	744	5,554	4,510	722	5,232
12. Theatres, arenas, amusement and recreational buildings .....	1,430	279	1,709	1,581	202	1,783	1,831	215	2,046
13. Laundries and dry cleaning establishments .....	342	114	456	93	111	204	195	107	302
<b>Institutional .....</b>	<b>49,153</b>	<b>6,575</b>	<b>55,728</b>	<b>53,448</b>	<b>5,507</b>	<b>58,955</b>	<b>59,931</b>	<b>5,260</b>	<b>65,191</b>
14. Schools and other educational buildings .....	24,633	2,619	27,252	31,892	3,139	35,031	26,529	3,529	30,058
15. Churches and other religious buildings .....	2,588	210	2,798	2,276	92	2,368	786	96	882
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	13,456	1,698	15,154	16,080	1,571	17,651	28,901	1,076	29,977
17. Other institutional buildings .....	8,476	2,048	10,524	3,200	705	3,905	3,715	559	4,274
<b>Other building construction .....</b>	<b>37,088</b>	<b>9,791</b>	<b>46,879</b>	<b>16,816</b>	<b>6,212</b>	<b>23,028</b>	<b>15,672</b>	<b>5,971</b>	<b>21,643</b>
18. Farm buildings (excluding dwellings) .....	4,079	2,840	6,919	3,621	2,554	6,175	3,706	2,650	6,356
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	16,406	864	17,270	5,909	602	6,511	6,433	656	7,089
20. Aeroplane hangars .....	509	154	663	1,816	425	2,241	11	213	224
21. Passenger terminals, bus, boat or air .....	368	4	372	228	6	234	3	7	10
22. Armouries, barracks, drill halls, etc. ....	1,948	1,653	3,601	464	1,068	1,532	1,184	1,152	2,336
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8,059	2,433	10,492	1,423	1,303	2,726	437	1,021	1,458
24. Other building construction .....	5,719	1,843	7,562	3,355	254	3,609	3,898	272	4,170
<b>Total engineering construction .....</b>	<b>362,245</b>	<b>59,236</b>	<b>421,481</b>	<b>543,147</b>	<b>60,890</b>	<b>604,037</b>	<b>354,460</b>	<b>62,694</b>	<b>417,154</b>
<b>Marine construction .....</b>	<b>9,678</b>	<b>2,906</b>	<b>12,584</b>	<b>9,871</b>	<b>1,806</b>	<b>11,677</b>	<b>10,084</b>	<b>2,012</b>	<b>12,096</b>
25. Docks, wharves, piers, breakwaters .....	2,769	1,779	4,548	6,576	1,194	7,770	8,532	1,472	10,004
26. Retaining walls, embankments, riprapping .....	321	19	340	530	30	560	261	27	288
27. Canals and waterways .....	572	1	573	22	—	22	—	—	—
28. Dredging and pile driving .....	2,162	506	2,668	2,258	184	2,442	852	154	1,006
29. Dyke construction .....	371	44	415	—	15	15	22	15	37
30. Logging booms .....	121	310	431	53	280	333	49	206	255
33. Other marine construction .....	3,362	247	3,609	432	103	535	368	138	506

TABLE 28. British Columbia - Concluded

Type of structure	1956			1957			1958		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
Thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>73,349</b>	<b>23,347</b>	<b>96,696</b>	<b>82,666</b>	<b>20,931</b>	<b>103,597</b>	<b>93,166</b>	<b>21,529</b>	<b>114,695</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	14,897	2,415	17,312	14,133	3,075	17,208	25,286	3,367	28,653
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	47,272	16,080	63,352	6,213	5,279	11,492	8,299	5,262	13,561
34. Dirt, clay or other streets, roads, parking lots, etc. ....	7,247	3,581	10,828	55,149	11,815	66,964	54,783	12,054	66,837
35. Grading, scraping, oiling, filling .....	1,458	822	2,280	716	416	1,132	594	463	1,057
36. Sidewalks, paths .....	757	432	1,189	856	335	1,191	1,127	371	1,498
37. Aerodromes, landing fields, runways, tarmac .....	1,718	17	1,735	5,599	11	5,610	3,077	12	3,089
<b>Waterworks and sewage systems .....</b>	<b>11,407</b>	<b>3,792</b>	<b>15,199</b>	<b>13,406</b>	<b>3,639</b>	<b>17,045</b>	<b>14,790</b>	<b>3,932</b>	<b>18,722</b>
38. Tile drains, drainage ditches, storm sewers .....	894	825	1,719	1,021	900	1,921	899	884	1,783
39. Watermains, hydrants and services .....	7,151	1,961	9,112	6,146	1,778	7,924	6,077	2,065	8,142
40. Sewage systems and connections .....	2,659	932	3,591	6,077	872	6,949	7,716	905	8,621
41. Pumping stations, water .....	542	73	615	108	88	196	63	76	139
42. Water storage tanks .....	161	1	162	54	1	55	35	2	37
<b>Dams and irrigation .....</b>	<b>20,922</b>	<b>237</b>	<b>21,159</b>	<b>15,190</b>	<b>738</b>	<b>15,928</b>	<b>10,484</b>	<b>322</b>	<b>10,806</b>
43. Dams and reservoirs .....	19,720	135	19,855	13,955	630	14,585	8,319	209	8,528
44. Irrigation and land reclamation projects .....	1,202	102	1,304	1,235	108	1,343	2,165	113	2,278
<b>Electric power construction .....</b>	<b>65,292</b>	<b>4,183</b>	<b>69,475</b>	<b>92,835</b>	<b>3,962</b>	<b>96,797</b>	<b>74,784</b>	<b>4,253</b>	<b>79,037</b>
45. Electric power generating plants, including water conveying and controlling structures .....	23,990	448	24,438	43,185	591	43,776	41,199	636	41,835
46. Electric transformer stations .....	2,990	185	3,175	3,453	201	3,654	1,377	216	1,593
47. Power transmission and distribution lines, trolley wires .....	37,494	2,958	40,452	45,440	2,452	47,902	31,284	2,675	33,959
48. Street lighting .....	818	592	1,410	757	708	1,465	924	726	1,650
<b>Railway, telephone and telegraph .....</b>	<b>46,506</b>	<b>15,636</b>	<b>62,142</b>	<b>53,836</b>	<b>19,211</b>	<b>73,047</b>	<b>34,150</b>	<b>19,373</b>	<b>53,523</b>
49. Railway tracks and roadbed .....	36,239	11,994	48,233	39,019	15,298	54,317	20,003	15,310	35,313
50. Signals and interlockers .....	222	444	666	653	599	1,252	487	550	1,037
51. Telegraph and telephone lines, underground and marine cables .....	10,045	3,198	13,243	14,164	3,314	17,478	13,660	3,513	17,173
<b>Gas and oil facilities .....</b>	<b>103,539</b>	<b>2,867</b>	<b>106,406</b>	<b>220,416</b>	<b>2,921</b>	<b>223,337</b>	<b>74,476</b>	<b>3,450</b>	<b>77,926</b>
52. Gas mains and services .....	11,062	177	11,239	23,339	367	23,706	12,763	250	13,013
53. Pumping stations, oil .....	252	117	369	5,461	153	5,614	58	153	211
54. Pumping stations, gas .....	4,519	25	4,544	16,456	15	16,471	-	154	154
55. Oil storage tanks .....	1,338	228	1,566	5,222	239	5,461	2,951	278	3,229
56. Gas storage tanks .....	-	2	2	-	-	-	-	1	1
57. Oil pipe lines .....	497	386	883	11,000	320	11,320	147	329	476
58. Gas pipe lines .....	73,584	2	73,586	97,615	-	97,615	16,208	203	16,411
59. Oil wells .....	8,582	76	8,658	9,966	116	10,082	10,834	127	10,961
60. Gas wells .....	1,816	-	1,816	7,585	169	7,754	7,510	19	7,529
61. Oil refinery - processing units .....	717	1,854	2,571	15,749	1,508	17,257	24,005	1,289	25,294
62. Natural gas cleaning plants .....	1,172	-	1,172	28,023	34	28,057	-	647	647
<b>Other engineering construction .....</b>	<b>31,532</b>	<b>6,268</b>	<b>37,800</b>	<b>54,927</b>	<b>7,682</b>	<b>62,609</b>	<b>42,526</b>	<b>7,823</b>	<b>50,349</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	27,038	4,261	31,299	50,774	4,075	54,849	39,334	4,168	43,502
64. Tunnels and subways .....	266	146	412	832	1	833	37	7	44
65. Incinerators .....	47	16	63	10	22	32	-	6	6
66. Park systems, landscaping, sodding, etc. ....	597	670	1,267	439	855	1,294	325	936	1,261
67. Swimming pools, tennis courts, outdoor recreation facilities ....	51	3	54	47	11	58	159	9	168
68. Mine shafts and other below surface workings .....	2,035	60	2,095	1,345	471	1,816	1,020	444	1,464
69. Fences, snowsheds, signs, guard rails .....	562	617	1,179	461	503	964	409	510	919
70. Other engineering construction .....	956	495	1,451	1,019	1,744	2,763	1,242	1,743	2,985



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as

insurance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 77 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 22 of the report "Private and Public Investment in Canada, Outlook 1958".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of production in 1955 of all the firms in each industry by the corresponding 1955 total for the firms reporting in the 1958 survey. In carrying out this procedure it has been assumed that the proportion of production of the reporting establishments in both 1955 and 1958 has not changed significantly during the period and, further, that there is a close relationship between total value of production and expenditures on construction. In the utilities trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 77 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1957 preliminary actual figures and the 1958 forecast estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1957 to 1958 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1956 and 1957 were prepared by Central Mortgage and Housing Corporation. Appraisal of the probable volume of housing construction in 1958 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1958.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1956 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1956 to 1958. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages to total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1957 and 1958 an average annual earnings figure was computed from 1956, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



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CANADA



# CONSTRUCTION IN CANADA

## 1957 - 1959

DOMINION BUREAU OF STATISTICS

Business Finance Division

Capital Expenditures Section





DOMINION BUREAU OF STATISTICS

Business Finance Division

Capital Expenditures Section

*Formerly*

General Assignments Division

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CONSTRUCTION IN CANADA  
1957 - 1959

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# CONSTRUCTION IN CANADA

1957 - 1959

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1957 and 1958 and provides estimates of the intended program for 1959. The information given for 1958 is preliminary whereas that shown for 1957 and earlier years is final. The probable volume of construction that will be realized in 1959 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a great many difficulties. Changing plans and problems of respondents in estimating accurately the cost of the structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1959", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbed.

Also included are statistics on labour content in terms of numbers of persons and value and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's intended construction program for 1959 is expected to be down very slightly from the 1958 level. Although expenditures on many of the principal types of construction will be greater in 1959, offsetting decreases, chiefly in pipeline construction, will result in a total net decrease of 0.4 per cent from 1958. This decrease anticipated for 1959 is in contrast with an increase of 3 per cent

in 1958 and 8.8 per cent in 1957. It is apparent that while the construction program is continuing at a very high level, the rate of increase has been declining steadily since 1956.<sup>1</sup>

<sup>1</sup> For a more detailed discussion of the outlook for the construction program and factors likely to affect the realization, see *Private and Public Investment in Canada, Outlook 1959*, Department of Trade and Commerce.

## Value of Construction

The 1959 construction program is estimated at \$7,202 million, about 0.4 per cent below the 1958 level of \$7,231 million. New work is expected to account for \$5,864 million and repair \$1,338 million. Variations between the figures contained in the accompanying table and those in previous publications for years prior to 1957 are due to a revision, in most cases upward, of residential outlays. This revision was occasioned by the use of a new method for estimating housing expenditures, both new and repair.

Year	Total new and repair construction \$ mill	% change over previous year in	
		Value	Volume
1950 .....	3.280	14.8	8.9
1951 .....	3.858	17.6	3.9
1952 .....	4.444	15.2	9.4
1953 .....	4.826	8.6	5.1
1954 .....	4.842	0.3	0.2
1955 .....	5.308	9.6	7.0
1956 .....	6.454	21.6	16.0
1957 .....	7.023	8.8	4.9
1958 .....	7.231	3.0	1.3
1959 .....	7.202	- 0.4	-



### Construction in Current and Constant Dollars

The volume of construction carried out in 1957 increased approximately 5.0 per cent over 1956, considerably less than the 15% increase that took place in 1956. Preliminary estimates for 1958 indicate an increase of 1.3 per cent, which is also

much smaller than the corresponding increase for the previous year.

As illustrated in Table 1, the construction industry continued its importance in the economy by accounting for over one-fifth of the Gross National Product.

**TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars 1950-1959<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
millions of dollars								
1950 .....	2,453	2,325	827	784	3,280	3,109	18.2	17.8
1951 .....	2,871	2,405	987	827	3,858	3,231	18.2	17.4
1952 .....	3,434	2,731	1,010	803	4,444	3,534	18.5	17.6
1953 .....	3,756	2,892	1,070	824	4,826	3,716	19.3	17.9
1954 .....	3,737	2,875	1,105	850	4,842	3,725	19.5	18.5
1955 .....	4,167	3,129	1,141	857	5,308	3,986	19.6	18.2
1956 .....	5,272	3,776	1,182	847	6,454	4,623	21.4	19.6
1957 .....	5,785	3,995	1,238	855	7,023	4,850	22.3	20.6
1958 .....	5,956	4,045	1,275	866	7,231	4,911	22.4	—
1959 .....	5,864	—	1,338	—	7,202	—	—	—

<sup>1</sup> Actual 1950-1957, preliminary 1958, intentions 1959.

### Value of Work Done by Contract

The following table shows that while contractors will continue to account for approximately 75 per cent of total construction work in 1959, their share of new construction is tending to decline. This is to be expected in a period when very large projects of a non-recurring nature are beginning to occupy a less important role in the total construction program. Such projects typically involve the use

of contract labour rather than the labour forces of the companies that will be operating the new facilities. Large projects such as the St. Lawrence Seaway, major pipelines and electric generating stations that were under construction during 1956-1958 have been substantially completed and projects of lesser magnitude are assuming relatively greater importance.

**TABLE 2. Value of Construction Work Performed, by Contractors and Others 1955-1959<sup>1</sup>**

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
millions of dollars									
1955 .....	3,381	492	3,873	786	649	1,435	4,167	1,141	5,308
1956 .....	4,319	520	4,839	953	662	1,615	5,272	1,182	6,454
1957 .....	4,770	551	5,321	1,015	687	1,702	5,785	1,238	7,023
1958 .....	4,911	590	5,501	1,045	685	1,730	5,956	1,275	7,231
1959 .....	4,793	611	5,404	1,071	727	1,798	5,864	1,338	7,202

<sup>1</sup> Actual 1955-1957, preliminary 1958, intentions 1959.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

### Principal Types of Construction

In total, construction in 1959 is expected to be slightly below 1958, largely due to an anticipated decline of \$198 million in gas and oil facilities. Electric power construction and marine construction also show decreases of \$65 million and \$37 million respectively. These declines will be partially offset by increases in railway, telephone and telegraph construction, highway construction and waterworks

and sewers. On balance, the engineering group will show a decline of \$167 million.

In building construction decreases will occur in residential and industrial buildings. Substantial increases, however, are indicated for the remaining categories in the building group, with the result that total building construction will be up \$138 million from 1958.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction 1955-1959<sup>1</sup>**

	1955		1956		1957		1958		1959	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction .....</b>	<b>5.308</b>	<b>100.0</b>	<b>6.454</b>	<b>100.0</b>	<b>7.023</b>	<b>100.0</b>	<b>7.231</b>	<b>100.0</b>	<b>7.202</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>3.375</b>	<b>63.6</b>	<b>3.890</b>	<b>60.3</b>	<b>3.886</b>	<b>55.3</b>	<b>4.099</b>	<b>56.7</b>	<b>4.237</b>	<b>58.8</b>
Residential .....	1.735	32.7	1.902	29.5	1.813	25.8	2.188	30.3	2.154	29.9
Industrial .....	398	7.5	604	9.4	611	8.7	391	5.4	378	5.2
Commercial .....	513	9.7	571	8.8	656	9.3	709	9.8	783	10.9
Institutional .....	464	8.7	455	7.0	519	7.4	533	7.4	585	8.1
Other building .....	265	5.0	358	5.6	287	4.1	278	3.8	337	4.7
<b>Total engineering .....</b>	<b>1.933</b>	<b>36.4</b>	<b>2.564</b>	<b>39.7</b>	<b>3.137</b>	<b>44.7</b>	<b>3.132</b>	<b>43.3</b>	<b>2.965</b>	<b>41.2</b>
Marine construction .....	76	1.4	118	1.8	158	2.2	156	2.2	119	1.7
Road highway and aerodrome construction .....	519	9.8	618	9.6	709	10.1	750	10.4	800	11.2
Waterworks and sewage systems ..	149	2.8	184	2.9	200	2.8	195	2.7	226	3.1
Dams and irrigation .....	39	0.7	68	1.1	86	1.2	52	0.7	51	0.7
Electric power construction .....	338	6.4	455	7.0	508	7.2	536	7.4	471	6.5
Railway, telephone and telegraph construction .....	313	5.9	363	5.6	405	5.8	407	5.6	478	6.6
Gas and oil facilities .....	339	6.4	531	8.2	741	10.7	679	9.4	481	6.7
Other engineering construction ....	160	3.0	227	3.5	330	4.7	357	4.9	339	4.7

<sup>1</sup> Actual 1955-1957, preliminary 1958, intentions 1959.

### Labour and Material Content

It is estimated that 596,503 full-time workers will be required to carry out the 1959 construction program and that the value of this labour will be \$2,372 million or 33 per cent of the total value of work. The estimated cost of material required for the program is \$3,425 million, about 48 per cent of the total. This proportion has remained relatively constant over the past seven years.

Variations between the figures contained in Tables 5 and 6 and those in previous publications for the years 1955 and 1956 result from a revision of new and repair housing expenditures for these years. The procedures used in making these estimates are outlined on page 45.



TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1955-1959<sup>1</sup>

Type of structure	1955	1956	1957	1958	1959
thousands of dollars					
<b>Total value of construction .....</b>	<b>5, 308, 229</b>	<b>6, 454, 256</b>	<b>7, 023, 058</b>	<b>7, 231, 089</b>	<b>7, 201, 980</b>
<b>Total building construction .....</b>	<b>3, 375, 405</b>	<b>3, 890, 156</b>	<b>3, 886, 525</b>	<b>4, 099, 026</b>	<b>4, 236, 625</b>
<b>Residential .....</b>	<b>1, 734, 900</b>	<b>1, 902, 300</b>	<b>1, 813, 000</b>	<b>2, 188, 300</b>	<b>2, 154, 100</b>
<b>Industrial .....</b>	<b>398, 087</b>	<b>604, 077</b>	<b>610, 670</b>	<b>390, 782</b>	<b>377, 843</b>
2. Factories, plants, workshops, food canneries .....	337, 126	476, 900	443, 073	305, 678	298, 881
3. Mine and mine mill buildings .....	32, 867	89, 341	127, 790	46, 045	34, 416
4. Railway stations, offices, roadway buildings .....	15, 800	22, 012	22, 719	23, 393	27, 476
5. Railway shops, engine houses, water and fuel stations .....	12, 294	15, 824	17, 088	15, 666	17, 070
<b>Commercial .....</b>	<b>513, 491</b>	<b>571, 294</b>	<b>656, 196</b>	<b>709, 076</b>	<b>783, 491</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	83, 698	89, 743	90, 899	77, 423	82, 653
7. Grain elevators .....	15, 754	18, 697	19, 776	22, 207	23, 683
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	32, 830	51, 156	67, 393	49, 300	47, 993
9. Office buildings .....	151, 797	183, 616	223, 653	292, 776	327, 349
10. Stores, retail and wholesale .....	167, 812	140, 397	165, 246	185, 452	211, 644
11. Garages and service stations .....	39, 601	56, 269	59, 291	52, 261	62, 253
12. Theatres, arenas, amusement and recreational buildings ..	20, 006	29, 222	27, 684	26, 308	26, 783
13. Laundries and dry cleaning establishments .....	1, 993	2, 194	2, 254	3, 349	1, 133
<b>Institutional .....</b>	<b>463, 732</b>	<b>454, 982</b>	<b>519, 191</b>	<b>533, 394</b>	<b>584, 591</b>
14. Schools and other educational buildings .....	222, 008	229, 887	284, 985	290, 391	307, 452
15. Churches and other religious buildings .....	40, 536	41, 259	48, 708	57, 333	48, 074
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	146, 368	134, 868	136, 649	142, 949	179, 038
17. Other institutional buildings .....	54, 820	48, 968	48, 849	42, 721	50, 027
<b>Other building construction .....</b>	<b>265, 195</b>	<b>357, 503</b>	<b>287, 468</b>	<b>277, 474</b>	<b>336, 600</b>
18. Farm buildings (excluding dwellings) .....	138, 294	157, 458	146, 776	157, 686	161, 614
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	26, 738	87, 226	53, 108	44, 428	56, 855
20. Aeroplane hangars .....	6, 863	9, 299	12, 216	9, 975	29, 593
21. Passenger terminals, bus, boat or air .....	1, 669	4, 553	7, 738	21, 589	23, 301
22. Armouries, barracks, drill halls, etc. ....	66, 152	43, 549	27, 179	17, 188	17, 718
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	17, 365	31, 387	22, 197	12, 778	14, 621
24. Other building construction .....	8, 114	24, 031	18, 254	13, 830	32, 898
<b>Total engineering construction .....</b>	<b>1, 932, 824</b>	<b>2, 564, 100</b>	<b>3, 136, 533</b>	<b>3, 132, 063</b>	<b>2, 965, 355</b>
<b>Marine construction .....</b>	<b>76, 222</b>	<b>117, 570</b>	<b>158, 158</b>	<b>156, 291</b>	<b>119, 487</b>
25. Docks, wharves, piers, breakwaters .....	29, 561	37, 989	43, 131	54, 495	64, 556
26. Retaining walls, embankments, riprapping .....	2, 553	2, 395	2, 136	3, 289	959
27. Canals and waterways .....	4, 908	22, 427	73, 824	30, 529	9, 422
28. Dredging and pile driving .....	19, 488	20, 847	20, 905	64, 962	38, 931
29. Dyke construction .....	5, 679	17, 796	1, 386	105	103
30. Logging booms .....	3, 675	2, 619	1, 794	1, 003	1, 144
31. Other marine construction .....	10, 358	13, 497	14, 982	1, 908	4, 372

<sup>1</sup> Actual 1955-1957, Preliminary 1958, Intentions 1959.



TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1955-1959 -- Concluded

Type of structure	1955	1956	1957	1958	1959
	thousands of dollars				
<b>Road, highway and aerodrome construction .....</b>	<b>519,259</b>	<b>618,038</b>	<b>708,780</b>	<b>749,518</b>	<b>799,748</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	237,915	304,152	361,786	405,153	438,262
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	153,008	199,808	210,775	222,241	227,598
34. Dirt, clay or other streets, roads, parking lots, etc. ....	55,518	54,421	57,812	53,371	61,969
35. Grading, scraping, oiling, filling .....	39,894	30,050	29,250	11,284	11,194
36. Sidewalks, paths .....	17,001	16,448	17,567	22,176	21,760
37. Aerodromes, landing fields, runways, tarmac .....	15,923	13,159	31,590	35,293	38,965
<b>Waterworks and sewage systems .....</b>	<b>148,648</b>	<b>184,113</b>	<b>200,108</b>	<b>195,384</b>	<b>226,223</b>
38. Tile drains, drainage ditches, storm sewers .....	27,223	21,332	23,587	18,143	18,644
39. Water mains, hydrants and services .....	57,854	71,344	76,823	69,947	80,526
40. Sewage systems and connections .....	54,373	77,511	88,132	92,848	114,816
41. Pumping stations, water .....	5,669	11,811	9,150	8,432	9,583
42. Water storage tanks .....	3,529	2,115	2,416	6,014	2,654
<b>Dams and irrigation .....</b>	<b>38,949</b>	<b>67,547</b>	<b>85,932</b>	<b>52,110</b>	<b>50,543</b>
43. Dams and reservoirs .....	25,795	51,206	70,915	28,348	20,772
44. Irrigation and land reclamation projects .....	13,154	16,341	15,017	23,762	29,771
<b>Electric power construction .....</b>	<b>338,035</b>	<b>454,561</b>	<b>507,554</b>	<b>536,089</b>	<b>470,602</b>
45. Electric power generating plants, including water conveying and controlling structures .....	123,818	212,035	254,627	250,587	212,065
46. Electric transformer stations .....	33,641	44,152	45,471	62,514	64,826
47. Power transmission and distribution lines, trolley wires .....	170,914	189,740	197,028	210,007	180,673
48. Street lighting .....	9,662	8,634	10,428	12,981	13,038
<b>Railway, telephone and telegraph .....</b>	<b>312,498</b>	<b>363,401</b>	<b>405,436</b>	<b>406,920</b>	<b>478,497</b>
49. Railway tracks and roadbed .....	194,618	232,979	261,167	252,516	303,634
50. Signals and interlockers .....	6,284	9,875	11,321	10,866	15,024
51. Telegraph and telephone lines, underground and marine cables .....	111,596	120,547	132,948	143,538	159,839
<b>Gas and oil facilities .....</b>	<b>339,104</b>	<b>531,489</b>	<b>740,481</b>	<b>678,450</b>	<b>481,270</b>
52. Gas mains and services .....	14,436	38,472	61,786	57,482	48,276
53. Pumping stations, oil .....	4,947	7,075	15,302	7,365	2,303
54. Pumping stations, gas .....	755	4,776	16,844	22,790	19,781
55. Oil storage tanks .....	17,805	20,407	28,333	21,611	25,547
56. Gas storage tanks .....	1,627	3,450	1,769	1,125	510
57. Oil pipe lines .....	23,264	33,325	50,215	24,837	7,054
58. Gas pipe lines .....	26,503	132,893	230,797	218,279	48,354
59. Oil wells .....	146,144	191,092	166,081	150,536	163,476
60. Gas wells .....	14,605	11,612	23,143	22,478	27,126
61. Oil refinery -- processing units .....	86,484	76,657	110,907	121,370	114,519
62. Natural gas cleaning plants .....	2,534	11,730	35,304	30,577	24,324
<b>Other engineering construction .....</b>	<b>160,109</b>	<b>227,381</b>	<b>330,084</b>	<b>357,301</b>	<b>338,985</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	86,567	122,005	168,103	218,860	198,617
64. Tunnels and subways .....	3,290	3,340	53,619	40,140	22,135
65. Incinerators .....	1,664	4,781	957	2,169	3,438
66. Park systems, landscaping, sodding, etc. ....	6,042	6,941	6,350	13,918	13,720
67. Swimming pools, tennis courts, outdoor recreation facilities .....	1,623	2,373	2,545	3,367	2,544
68. Mine shafts and other below surface workings .....	24,885	47,836	55,355	37,539	27,475
69. Fences, snowsheds, signs, guard rails .....	17,752	18,681	18,826	16,750	17,169
70. Other engineering construction .....	18,286	21,424	24,329	24,558	53,887

**TABLE 5. Labour Content and Cost of Materials Used 1955-1959<sup>1</sup>  
by Provinces**

Province	Labour content		Cost of materials used	Value of work performed
	No.	Value		
	thousands of dollars			
Canada:				
1955 .....	533,803	1,786,554	2,539,783	5,308,229
1956 .....	591,983	2,137,149	3,112,821	6,453,600
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	590,643	2,363,955	3,423,727	7,231,089
1959 .....	596,503	2,371,752	3,424,567	7,201,980
Newfoundland:				
1955 .....	10,022	28,324	35,710	77,459
1956 .....	11,155	35,308	32,623	83,200
1957 .....	9,875	32,377	43,113	90,393
1958 .....	10,380	32,730	42,259	92,152
1959 .....	9,483	29,367	37,356	82,951
Prince Edward Island:				
1955 .....	2,418	5,359	7,249	17,179
1956 .....	2,260	6,473	9,118	19,300
1957 .....	1,769	5,512	7,299	17,095
1958 .....	2,409	7,775	10,180	24,458
1959 .....	2,896	9,465	12,152	29,405
Nova Scotia:				
1955 .....	17,984	48,251	70,253	142,128
1956 .....	19,649	57,213	77,681	162,100
1957 .....	20,087	59,954	76,580	164,878
1958 .....	19,294	59,233	75,591	164,093
1959 .....	22,365	69,261	88,567	190,907
New Brunswick:				
1955 .....	19,506	52,163	73,324	153,729
1956 .....	20,317	58,248	90,451	168,900
1957 .....	16,836	52,082	68,353	143,958
1958 .....	18,483	56,851	76,115	161,754
1959 .....	21,832	67,232	89,424	196,398
Quebec:				
1955 .....	132,622	420,018	653,194	1,307,193
1956 .....	148,243	493,979	784,619	1,545,700
1957 .....	146,727	528,953	836,203	1,661,552
1958 .....	146,687	551,609	879,988	1,742,922
1959 .....	149,006	558,573	885,725	1,749,383
Ontario:				
1955 .....	187,783	650,244	897,989	1,867,835
1956 .....	197,092	738,484	1,072,506	2,189,600
1957 .....	207,945	847,896	1,197,947	2,507,011
1958 .....	219,382	906,156	1,283,546	2,692,740
1959 .....	212,016	873,578	1,232,034	2,563,604
Manitoba:				
1955 .....	29,266	90,648	123,739	257,333
1956 .....	31,459	105,019	148,490	307,500
1957 .....	27,246	100,496	160,366	327,306
1958 .....	27,337	104,997	173,234	343,482
1959 .....	31,600	120,854	193,691	392,555

<sup>1</sup> Actual 1955-1957, Preliminary 1958, Intentions 1959.

**TABLE 5. Labour Content and Cost of Materials Used 1955-1959<sup>1</sup>  
by Provinces - Concluded**

Province	Labour content		Cost of materials used	Value of work performed
	No.	Value		
	thousands of dollars			
Saskatchewan:				
1955 .....	27,547	91,646	131,228	280,315
1956 .....	29,755	110,204	169,595	367,000
1957 .....	27,773	107,446	157,370	353,560
1958 .....	27,974	114,954	170,569	376,046
1959 .....	27,687	113,129	168,434	367,471
Alberta:				
1955 .....	52,617	187,178	284,360	623,305
1956 .....	60,174	225,670	325,543	731,700
1957 .....	57,866	223,460	292,052	707,005
1958 .....	60,022	251,973	332,523	803,692
1959 .....	59,785	250,280	332,295	799,568
British Columbia:				
1955 .....	54,038	212,723	262,737	581,753
1956 .....	71,879	306,551	402,195	878,600
1957 .....	74,931	351,520	470,403	1,050,300
1958 .....	58,675	277,677	379,722	829,750
1959 .....	59,833	280,013	384,889	829,741

<sup>1</sup> Actual 1955-1957, Preliminary 1958, Intentions 1959.

**TABLE 6. Labour Content and Cost of Materials Used 1955-1959<sup>1</sup>  
by Contractors and Others**

Type	Labour content		Cost of materials used	Value of work performed
	No.	Value		
	thousands of dollars			
Total:				
1955 .....	533,803	1,786,554	2,539,783	5,308,229
1956 .....	591,983	2,137,149	3,112,821	6,453,600
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	590,643	2,363,955	3,423,727	7,231,089
1959 .....	596,503	2,371,752	3,424,567	7,201,980
Contractors:				
1955 .....	343,107	1,212,257	1,866,444	3,873,478
1956 .....	395,115	1,498,959	2,366,540	4,838,950
1957 .....	397,618	1,634,932	2,523,244	5,321,378
1958 .....	398,871	1,676,227	2,627,737	5,501,258
1959 .....	396,993	1,657,890	2,598,693	5,403,951
Utilities:				
1955 .....	75,707	239,877	305,097	602,942
1956 .....	76,601	271,271	353,771	699,786
1957 .....	77,947	296,918	396,881	775,261
1958 .....	77,187	304,729	404,192	794,513
1959 .....	80,958	318,560	423,596	829,585
Governments:				
1955 .....	61,176	167,492	131,285	361,725
1956 .....	65,698	191,629	138,478	414,271
1957 .....	59,823	180,697	129,445	396,325
1958 .....	61,501	192,204	137,388	418,847
1959 .....	64,632	201,787	143,391	443,069
Others:				
1955 .....	53,813	166,928	236,957	470,084
1956 .....	54,569	175,290	254,032	500,593
1957 .....	55,667	197,149	260,116	530,094
1958 .....	53,084	190,795	254,410	516,471
1959 .....	53,920	193,515	258,887	525,375

<sup>1</sup> Actual 1955-1957, Preliminary 1958, Intentions 1959.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1957-1959<sup>1</sup>

TABLE 7. By Type of Structure New and Repair

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5, 784, 577</b>	<b>1, 238, 481</b>	<b>7, 023, 058</b>	<b>5, 956, 518</b>	<b>1, 274, 571</b>	<b>7, 231, 089</b>	<b>5, 864, 276</b>	<b>1, 337, 704</b>	<b>7, 201, 980</b>
<b>Total building construction .....</b>	<b>3, 151, 046</b>	<b>735, 479</b>	<b>3, 886, 525</b>	<b>3, 344, 049</b>	<b>754, 977</b>	<b>4, 099, 026</b>	<b>3, 456, 435</b>	<b>780, 190</b>	<b>4, 236, 625</b>
<b>Residential .....</b>	<b>1, 430, 000</b>	<b>383, 000</b>	<b>1, 813, 000</b>	<b>1, 781, 200</b>	<b>407, 100</b>	<b>2, 188, 300</b>	<b>1, 727, 700</b>	<b>426, 400</b>	<b>2, 154, 100</b>
<b>Industrial .....</b>	<b>493, 545</b>	<b>117, 125</b>	<b>610, 670</b>	<b>285, 288</b>	<b>105, 494</b>	<b>390, 782</b>	<b>265, 948</b>	<b>111, 895</b>	<b>377, 843</b>
2. Factories, plants, workshops, food canneries .....	355, 454	87, 619	443, 073	227, 881	77, 797	305, 678	217, 594	81, 287	298, 881
3. Mine and mine mill buildings .....	120, 507	7, 283	127, 790	38, 648	7, 397	46, 045	27, 055	7, 361	34, 416
4. Railway stations, offices, roadway buildings .....	10, 056	12, 663	22, 719	11, 148	12, 245	23, 393	13, 417	14, 059	27, 476
5. Railway shops, engine houses, water and fuel stations .....	7, 528	9, 560	17, 088	7, 611	8, 055	15, 666	7, 882	9, 188	17, 070
<b>Commercial .....</b>	<b>560, 009</b>	<b>96, 187</b>	<b>656, 196</b>	<b>611, 925</b>	<b>97, 151</b>	<b>709, 076</b>	<b>685, 768</b>	<b>97, 723</b>	<b>783, 491</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	78, 162	12, 737	90, 899	66, 089	11, 334	77, 423	71, 194	11, 459	82, 653
7. Grain elevators .....	13, 355	6, 421	19, 776	16, 473	5, 734	22, 207	18, 140	5, 543	23, 683
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	53, 689	13, 704	67, 393	34, 879	14, 421	49, 300	35, 708	12, 285	47, 993
9. Office buildings .....	193, 454	30, 199	223, 653	260, 136	32, 640	292, 776	292, 511	34, 838	327, 349
10. Stores, retail and wholesale .....	144, 261	20, 985	165, 246	163, 760	21, 692	185, 452	189, 207	22, 437	211, 644
11. Garages and service stations .....	50, 784	8, 507	59, 291	45, 030	7, 231	52, 261	54, 555	7, 698	62, 253
12. Theatres, arenas, amusement and recreational buildings .....	24, 926	2, 758	27, 684	23, 110	3, 198	26, 308	24, 109	2, 674	26, 783
13. Laundries and dry cleaning establishments .....	1, 378	876	2, 254	2, 448	901	3, 349	344	789	1, 133
<b>Institutional .....</b>	<b>464, 558</b>	<b>54, 633</b>	<b>519, 191</b>	<b>476, 418</b>	<b>56, 976</b>	<b>533, 394</b>	<b>528, 464</b>	<b>56, 127</b>	<b>584, 591</b>
14. Schools and other educational buildings ..	259, 984	25, 001	284, 985	263, 286	27, 105	290, 391	280, 282	27, 170	307, 452
15. Churches and other religious buildings ....	40, 655	8, 053	48, 708	49, 845	7, 488	57, 333	41, 550	6, 524	48, 074
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	121, 008	15, 641	136, 649	127, 733	15, 216	142, 949	163, 093	15, 945	179, 038
17. Other institutional buildings .....	42, 911	5, 938	48, 849	35, 554	7, 167	42, 721	43, 539	6, 488	50, 027
<b>Other building construction .....</b>	<b>202, 934</b>	<b>84, 534</b>	<b>287, 468</b>	<b>189, 218</b>	<b>88, 256</b>	<b>277, 474</b>	<b>248, 555</b>	<b>88, 045</b>	<b>336, 600</b>
18. Farm buildings (excluding dwellings) .....	86, 484	60, 292	146, 776	92, 293	65, 393	157, 686	96, 285	65, 329	161, 614
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	50, 886	2, 222	53, 108	42, 316	2, 112	44, 428	54, 571	2, 284	56, 855
20. Aeroplane hangars .....	9, 377	2, 839	12, 216	7, 507	2, 468	9, 975	27, 103	2, 490	29, 593
21. Passenger terminals, bus, boat or air .....	7, 195	543	7, 738	21, 125	464	21, 589	22, 768	533	23, 301
22. Armouries, barracks, drill halls, etc. ....	14, 970	12, 209	27, 179	5, 012	12, 176	17, 188	5, 471	12, 247	17, 718
23. Bunkhouses, dormitories, camp cookeries, bush depots and caps .....	17, 192	5, 005	22, 197	8, 707	4, 071	12, 778	10, 916	3, 705	14, 621
24. Other building construction .....	16, 830	1, 424	18, 254	12, 258	1, 572	13, 830	31, 441	1, 457	32, 898
<b>Total engineering construction .....</b>	<b>2, 633, 531</b>	<b>503, 002</b>	<b>3, 136, 533</b>	<b>2, 612, 469</b>	<b>519, 594</b>	<b>3, 132, 063</b>	<b>2, 407, 841</b>	<b>557, 514</b>	<b>2, 965, 355</b>
<b>Marine construction .....</b>	<b>145, 270</b>	<b>12, 888</b>	<b>158, 158</b>	<b>143, 277</b>	<b>13, 014</b>	<b>156, 291</b>	<b>106, 097</b>	<b>13, 390</b>	<b>119, 487</b>
25. Docks, wharves, piers, breakwaters .....	36, 301	6, 830	43, 131	48, 223	6, 272	54, 495	57, 827	6, 729	64, 556
26. Retaining walls, embankments, riprapping ..	1, 361	775	2, 136	2, 481	808	3, 289	183	776	959
27. Canals and waterways .....	72, 593	1, 231	73, 824	29, 365	1, 164	30, 529	8, 285	1, 137	9, 422
28. Dredging and pile driving .....	19, 244	1, 661	20, 905	61, 619	3, 343	64, 962	35, 544	3, 387	38, 931
29. Dyke construction .....	1, 273	113	1, 386	3	102	105	4	99	103
30. Logging booms .....	798	996	1, 794	275	728	1, 003	465	679	1, 144
31. Other marine construction .....	13, 700	1, 282	14, 982	1, 311	597	1, 908	3, 789	583	4, 372

<sup>1</sup> Actual 1957, Preliminary 1958, Intentions 1959.

TABLE 7. By Type of Structure New and Repair — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	Total	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction ....</b>	<b>550, 127</b>	<b>158, 653</b>	<b>708, 780</b>	<b>581, 476</b>	<b>168, 042</b>	<b>749, 518</b>	<b>622, 158</b>	<b>177, 590</b>	<b>799, 748</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	303, 105	58, 681	361, 786	335, 070	70, 083	405, 153	358, 206	80, 056	438, 262
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	141, 952	68, 823	210, 775	148, 946	73, 295	222, 241	154, 103	73, 495	227, 598
34. Dirt, clay or other streets, roads, parking lots, etc. ....	35, 026	22, 786	57, 812	36, 388	16, 983	53, 371	45, 926	16, 043	61, 969
35. Grading, scraping, oiling, filling ....	25, 202	4, 048	29, 250	8, 286	2, 998	11, 284	7, 945	3, 249	11, 194
36. Sidewalks, paths ....	14, 261	3, 306	17, 567	18, 504	3, 672	22, 176	18, 038	3, 722	21, 760
37. Aerodromes, landing fields, runways, tarmac ....	30, 581	1, 009	31, 590	34, 282	1, 011	35, 293	37, 940	1, 025	38, 965
<b>Waterworks and sewage systems ....</b>	<b>172, 391</b>	<b>27, 717</b>	<b>200, 108</b>	<b>164, 890</b>	<b>30, 494</b>	<b>195, 384</b>	<b>193, 130</b>	<b>33, 093</b>	<b>226, 223</b>
38. Tile drains, drainage ditches, storm sewers ....	19, 630	3, 957	23, 587	13, 006	5, 137	18, 143	13, 768	4, 876	18, 644
39. Water mains, hydrants and services ....	61, 514	15, 309	76, 823	54, 950	14, 997	69, 947	64, 161	16, 365	80, 526
40. Sewage systems and connections ....	81, 005	7, 127	88, 132	83, 892	8, 956	92, 848	105, 365	9, 451	114, 816
41. Pumping stations, water ....	7, 978	1, 172	9, 150	7, 339	1, 093	8, 432	7, 248	2, 335	9, 583
42. Water storage tanks ....	2, 264	152	2, 416	5, 703	311	6, 014	2, 588	66	2, 654
<b>Dams and irrigation ....</b>	<b>80, 911</b>	<b>5, 021</b>	<b>85, 932</b>	<b>45, 504</b>	<b>6, 606</b>	<b>52, 110</b>	<b>44, 427</b>	<b>6, 116</b>	<b>50, 543</b>
43. Dams and reservoirs ....	68, 457	2, 458	70, 915	24, 824	3, 524	28, 348	17, 794	2, 978	20, 772
44. Irrigation and land reclamation projects....	12, 454	2, 563	15, 017	20, 680	3, 082	23, 762	26, 633	3, 138	29, 771
<b>Electric power construction ....</b>	<b>463, 028</b>	<b>44, 526</b>	<b>507, 554</b>	<b>493, 006</b>	<b>43, 083</b>	<b>536, 089</b>	<b>423, 552</b>	<b>47, 050</b>	<b>470, 602</b>
45. Electric power generating plants, including water conveying and controlling structures ....	244, 444	10, 183	254, 627	243, 268	7, 319	250, 587	203, 241	8, 824	212, 065
46. Electric transformer stations ....	40, 310	5, 161	45, 471	56, 330	6, 184	62, 514	58, 286	6, 540	64, 826
47. Power transmission and distribution lines, trolley wires ....	171, 219	25, 809	197, 028	184, 275	25, 732	210, 007	152, 940	27, 733	180, 673
48. Street lighting ....	7, 055	3, 373	10, 428	9, 133	3, 848	12, 981	9, 085	3, 953	13, 038
<b>Railway, telephone and telegraph ....</b>	<b>244, 756</b>	<b>160, 680</b>	<b>405, 436</b>	<b>245, 975</b>	<b>160, 945</b>	<b>406, 920</b>	<b>296, 199</b>	<b>182, 298</b>	<b>478, 497</b>
49. Railway tracks and roadbed ....	141, 098	120, 069	261, 167	132, 740	119, 776	252, 516	166, 434	137, 200	303, 634
50. Signals and interlockers ....	5, 604	5, 717	11, 321	5, 048	5, 818	10, 866	8, 442	6, 582	15, 024
51. Telegraph and telephone lines, underground and marine cables ....	98, 054	34, 894	132, 948	108, 187	35, 351	143, 538	121, 323	38, 516	159, 839
<b>Gas and oil facilities ....</b>	<b>699, 841</b>	<b>40, 640</b>	<b>740, 481</b>	<b>639, 009</b>	<b>39, 441</b>	<b>678, 450</b>	<b>438, 150</b>	<b>43, 120</b>	<b>481, 270</b>
52. Gas mains and services ....	58, 975	2, 811	61, 786	55, 041	2, 441	57, 482	45, 582	2, 694	48, 276
53. Pumping stations, oil ....	13, 622	1, 680	15, 302	5, 800	1, 565	7, 365	931	1, 372	2, 303
54. Pumping stations, gas ....	16, 792	52	16, 844	22, 487	303	22, 790	19, 493	288	19, 781
55. Oil storage tanks ....	25, 162	3, 171	28, 333	18, 051	3, 560	21, 611	21, 634	3, 913	25, 547
56. Gas storage tanks ....	1, 629	140	1, 769	1, 067	58	1, 125	449	61	510
57. Oil pipe lines ....	48, 590	1, 625	50, 215	23, 442	1, 395	24, 837	5, 535	1, 519	7, 054
58. Gas pipe lines ....	229, 767	1, 030	230, 797	216, 161	2, 118	218, 279	46, 036	2, 318	48, 354
59. Oil wells ....	160, 212	5, 869	166, 081	145, 510	5, 026	150, 536	158, 138	5, 338	163, 476
60. Gas wells ....	22, 657	486	23, 143	22, 154	324	22, 478	26, 757	369	27, 126
61. Oil refinery — processing units ....	87, 736	23, 171	110, 907	99, 507	21, 863	121, 370	90, 389	24, 130	114, 519
62. Natural gas cleaning plants ....	34, 699	605	35, 304	29, 789	788	30, 577	23, 206	1, 118	24, 324
<b>Other engineering construction ....</b>	<b>277, 207</b>	<b>52, 877</b>	<b>330, 084</b>	<b>299, 332</b>	<b>57, 969</b>	<b>357, 301</b>	<b>284, 128</b>	<b>54, 857</b>	<b>338, 985</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	139, 726	28, 377	168, 103	187, 889	30, 971	218, 860	171, 612	27, 005	198, 617
64. Tunnels and subways ....	53, 243	376	53, 619	39, 583	557	40, 140	21, 566	569	22, 135
65. Incinerators ....	853	104	957	797	1, 372	2, 169	2, 093	1, 345	3, 438
66. Park systems, landscaping, sodding, etc. ....	3, 599	2, 751	6, 350	9, 518	4, 400	13, 918	9, 857	3, 863	13, 720
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1, 927	618	2, 545	2, 458	909	3, 367	1, 542	1, 002	2, 544
68. Mine shafts and other below surface workings ....	52, 366	2, 989	55, 355	34, 915	2, 624	37, 539	24, 281	3, 194	27, 475
69. Fences, snowsheds, signs, guard rails ....	8, 875	9, 951	18, 826	7, 273	9, 477	16, 750	7, 248	9, 921	17, 169
70. Other engineering construction ....	16, 618	7, 711	24, 329	16, 899	7, 659	24, 558	45, 929	7, 958	53, 887



TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1957 to 1958		Change 1958 to 1959		Type of structure	Change 1957 to 1958		Change 1958 to 1959	
	\$ mill.	%	\$ mill.	%		\$ mill.	%	\$ mill.	%
Total value of construction .....	208	3.0	- 29	- 0.4	Road, highway and aerodrome construction	41	5.7	50	6.7
Total building construction .....	213	5.5	137	3.4	32. Hard surfaced or paved streets, highways, parking lots, etc. ....	43	-	33	-
Residential .....	375	37.0	- 34	- 1.6	33. Gravel or stone streets, highways, roads, parking lots, etc. ....	11	-	5	-
Industrial .....	-220	-36.0	- 13	- 3.3	34. Dirt, clay or other streets, roads, parking lots, etc. ....	- 4	-	9	-
2. Factories, plants, workshops, food can- neries .....	-137	-	- 7	-	35. Grading, scraping, oiling, filling .....	- 18	-	0	-
3. Mine and mine mill buildings .....	- 82	-	- 12	-	36. Sidewalks, paths .....	5	-	0	-
4. Railway stations, offices, roadway buildings	1	-	4	-	37. Aerodromes, landing fields, runways, tarmac .....	4	-	4	-
5. Railway shops, engine houses, water and fuel stations .....	- 1	-	1	-	Waterworks and sewage systems .....	- 5	- 2.4	31	15.8
Commercial .....	53	8.1	74	10.5	38. Tile drains, drainage ditches, storm sewers	- 5	-	1	-
6. Warehouses, storehouses, refrigerated stor- age, etc. ....	- 13	-	5	-	39. Water mains, hydrants and services .....	- 7	-	11	-
7. Grain elevators .....	2	-	1	-	40. Sewage systems and connections .....	5	-	22	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	- 18	-	- 1	-	41. Pumping stations, water .....	- 1	-	1	-
9. Office buildings .....	69	-	35	-	42. Water storage tanks .....	4	-	- 3	-
10. Stores, retail and wholesale .....	20	-	26	-	Dams and irrigation .....	- 34	-39.4	- 2	- 3.0
11. Garages and service stations .....	- 7	-	10	-	43. Dams and reservoirs .....	- 43	-	- 8	-
12. Theatres, arenas, amusement and recrea- tional buildings .....	- 1	-	0	-	44. Irrigation and land reclamation projects ..	9	-	6	-
13. Laundries and dry cleaning establishments	1	-	- 2	-	Electric power construction .....	29	5.6	- 65	-12.2
Institutional .....	14	2.7	51	9.6	45. Electric power generating plants, in- cluding water conveying and controlling structures .....	- 4	-	- 39	-
14. Schools and other educational buildings ....	5	-	17	-	46. Electric transformer stations .....	17	-	2	-
15. Churches and other religious buildings .....	9	-	- 9	-	47. Power transmission and distribution lines, trolley wires .....	13	-	- 29	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6	-	36	-	48. Street lighting .....	3	-	0	-
17. Other institutional buildings .....	- 6	-	7	-	Railway, telephone and telegraph .....	1	0.4	72	17.6
Other building construction .....	- 10	- 3.5	59	21.3	49. Railway tracks and roadbed .....	- 9	-	51	-
18. Farm buildings (excluding dwellings) .....	11	-	4	-	50. Signals and interlockers .....	0	-	4	-
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	- 9	-	12	-	51. Telegraph and telephone lines, under- ground and marine cables .....	11	-	16	-
20. Aeroplane hangers .....	- 2	-	20	-	Gas and oil facilities .....	- 62	- 8.4	-197	-29.1
21. Passenger terminals, bus, boat or air .....	14	-	2	-	52. Gas mains and services .....	- 4	-	- 9	-
22. Armouries, barracks, drill halls, etc. ....	- 10	-	1	-	53. Pumping stations, oil .....	- 8	-	- 5	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	- 9	-	2	-	54. Pumping stations, gas .....	6	-	- 3	-
24. Other building construction .....	- 4	-	19	-	55. Oil storage tanks .....	- 7	-	4	-
Total engineering construction .....	- 4	- 0.1	-167	- 5.3	56. Gas storage tanks .....	- 1	-	- 1	-
Marine construction .....	- 2	- 1.2	- 37	-23.5	57. Oil pipe lines .....	- 25	-	- 18	-
25. Docks, wharves, piers, breakwaters .....	11	-	10	-	58. Gas pipe lines .....	- 13	-	-170	-
26. Retaining walls, embankments, riprapping	1	-	- 2	-	59. Oil wells .....	- 16	-	13	-
27. Canals and waterways .....	- 43	-	- 21	-	60. Gas wells .....	- 1	-	5	-
28. Dredging and pile driving .....	44	-	- 26	-	61. Oil refinery—processing units .....	10	-	- 7	-
29. Dyke construction .....	- 1	-	0	-	62. Natural gas cleaning plants .....	- 5	-	- 6	-
30. Logging booms .....	- 1	-	0	-	Other engineering construction .....	27	8.2	- 18	- 5.1
31. Other marine construction .....	- 13	-	2	-	63. Bridges, trestles, culverts, overpasses, viaducts .....	51	-	- 20	-
					64. Tunnels and subways .....	- 13	-	- 18	-
					65. Incinerators .....	1	-	1	-
					66. Park systems, landscaping, sodding, etc.	8	-	0	-
					67. Swimming pools, tennis courts, outdoor re- creation facilities .....	1	-	- 1	-
					68. Mine shafts and other below surface workings .....	- 18	-	- 10	-
					69. Fences, snowsheds, signs, guard rails ....	- 2	-	0	-
					70. Other engineering construction .....	0	-	29	-



TABLE 9. By Principal Types of Construction for Industry or Sector

	1957			1958			1959		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Total .....</b>	<b>3,886,525</b>	<b>3,136,533</b>	<b>7,023,058</b>	<b>4,099,026</b>	<b>3,132,063</b>	<b>7,231,089</b>	<b>4,236,625</b>	<b>2,965,355</b>	<b>7,201,980</b>
Agriculture and fishing .....	143,245	17,513	160,758	155,432	18,308	173,740	155,290	18,298	173,588
Forestry .....	8,827	40,069	48,896	6,827	29,242	36,069	6,478	33,801	40,279
Mining, quarrying and oil wells .....	143,637	285,586	429,223	50,159	239,576	289,735	44,026	250,082	294,108
Construction .....	17,032	2,591	19,623	16,756	2,544	19,300	16,680	2,520	19,200
Manufacturing .....	437,786	198,300	636,086	311,453	196,839	508,292	288,214	165,081	453,295
Utilities .....	133,856	1,611,069	1,744,925	129,985	1,545,558	1,675,543	167,513	1,311,451	1,478,964
Trade—Wholesale and retail .....	219,665	21,294	240,959	205,953	16,087	222,040	219,218	22,132	241,350
Finance, insurance and real estate .....	110,120	10,321	120,441	157,819	4,034	161,853	212,096	5,932	218,028
Commercial services .....	82,512	379	82,891	66,215	555	66,770	64,597	297	64,894
Housing .....	1,813,000	—	1,813,000	2,188,300	—	2,188,300	2,154,100	—	2,154,100
Institutional services .....	452,589	2,574	455,163	482,609	1,571	484,180	533,853	798	534,651
Government departments .....	324,256	946,837	1,271,093	327,518	1,077,749	1,405,267	374,560	1,154,963	1,529,523

TABLE 10. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector

	Change 1957 to 1958						Change 1958 to 1959					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total .....</b>	<b>213</b>	<b>5.5</b>	<b>- 4</b>	<b>- 0.1</b>	<b>208</b>	<b>3.0</b>	<b>138</b>	<b>3.4</b>	<b>-167</b>	<b>- 5.3</b>	<b>- 29</b>	<b>- 0.4</b>
Agriculture and fishing .....	12	8.5	1	4.5	13	8.1	0	- 0.1	0	- 0.1	0	- 0.1
Forestry .....	- 2	-22.7	- 11	-27.0	- 13	-26.2	0	- 5.1	5	15.6	4	11.7
Mining, quarrying and oil wells .....	- 93	-65.1	- 46	-16.1	-139	-32.5	- 6	-12.2	11	4.4	4	1.5
Construction .....	0	- 1.6	0	- 1.8	0	- 1.6	0	- 0.5	0	- 0.9	0	- 0.5
Manufacturing .....	-126	-28.9	- 1	- 0.7	128	-20.1	- 23	- 7.5	- 32	-16.1	- 55	-10.8
Utilities .....	- 4	- 2.9	- 66	- 4.1	- 69	- 4.0	38	28.9	-234	-15.1	-197	-11.7
Trade—Wholesale and retail .....	- 14	- 6.2	- 5	-24.5	- 19	- 7.9	13	6.4	6	37.6	19	8.7
Finance, insurance and real estate .....	48	43.3	- 6	-60.9	41	34.4	54	34.4	2	47.1	56	34.7
Commercial services .....	- 16	-19.8	0	46.4	- 16	-19.4	- 2	- 2.4	0	-46.5	- 2	- 2.8
Housing .....	375	20.7	0	0.0	375	20.7	- 34	- 1.6	0	0.0	- 34	- 1.6
Institutional services .....	30	6.6	- 1	-39.0	29	6.4	51	10.6	- 1	-49.2	50	10.4
Government departments .....	3	1.0	131	13.8	134	10.6	47	14.4	77	7.2	124	8.8

Value of Construction Work Performed by Type of Structure - Industry or Sector 1957-1959<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>544, 711</b>	<b>113, 789</b>	<b>658, 500</b>	<b>404, 545</b>	<b>114, 299</b>	<b>518, 844</b>	<b>412, 800</b>	<b>114, 375</b>	<b>527, 175</b>
<b>Total building construction</b> .....	<b>237, 616</b>	<b>75, 125</b>	<b>312, 741</b>	<b>149, 871</b>	<b>79, 303</b>	<b>229, 174</b>	<b>143, 517</b>	<b>78, 957</b>	<b>222, 474</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>126, 984</b>	<b>8, 766</b>	<b>135, 750</b>	<b>43, 959</b>	<b>3, 445</b>	<b>52, 404</b>	<b>36, 196</b>	<b>8, 570</b>	<b>44, 766</b>
2. Factories, plants, workshops, food canneries .....	6, 387	1, 518	7, 905	5, 438	1, 580	7, 018	9, 865	1, 466	11, 331
3. Mine and mine mill buildings .....	120, 469	7, 241	127, 710	38, 515	6, 834	45, 349	26, 324	7, 084	33, 408
4. Railway stations, offices, roadway buildings .....	128	7	135	6	16	22	7	5	12
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	15	15	—	15	15
<b>Commercial</b> .....	<b>17, 319</b>	<b>2, 434</b>	<b>19, 753</b>	<b>11, 559</b>	<b>2, 543</b>	<b>14, 102</b>	<b>11, 609</b>	<b>2, 466</b>	<b>14, 069</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6, 569	1, 385	7, 954	5, 362	1, 567	6, 929	5, 916	1, 508	7, 424
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	293	17	310	119	12	131	75	8	83
9. Office buildings .....	7, 755	771	8, 526	4, 663	702	5, 365	4, 256	692	4, 948
10. Stores, retail and wholesale .....	74	9	83	65	10	75	—	8	8
11. Garages and service stations .....	1, 210	225	1, 435	1, 040	237	1, 277	916	231	1, 147
12. Theatres, arenas, amusement and recreational buildings .....	1, 417	25	1, 442	310	12	322	446	12	458
13. Laundries and dry cleaning establishments .....	1	2	3	—	3	3	—	1	1
<b>Institutional</b> .....	<b>359</b>	<b>22</b>	<b>381</b>	<b>16</b>	<b>19</b>	<b>35</b>	<b>737</b>	<b>11</b>	<b>748</b>
14. Schools and other educational buildings .....	65	5	70	6	1	7	99	2	101
15. Churches and other religious buildings .....	2	3	5	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	290	14	304	10	18	28	638	9	647
17. Other institutional buildings .....	2	—	2	—	—	—	—	—	—
<b>Other building construction</b> .....	<b>92, 954</b>	<b>63, 903</b>	<b>156, 857</b>	<b>94, 337</b>	<b>68, 296</b>	<b>162, 633</b>	<b>94, 975</b>	<b>67, 916</b>	<b>162, 891</b>
18. Farm buildings (excluding dwellings) .....	81, 491	59, 920	141, 411	88, 420	65, 027	153, 447	88, 340	64, 968	153, 308
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	56	45	101	90	26	116	72	32	104
20. Aeroplane hangars .....	4	1	5	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	26	—	26	258	—	258	210	—	210
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	11, 266	3, 831	15, 097	5, 504	3, 109	8, 613	6, 246	2, 796	9, 042
24. Other building construction .....	111	106	217	65	134	199	107	120	227
<b>Total engineering construction</b> .....	<b>307, 095</b>	<b>38, 664</b>	<b>345, 759</b>	<b>254, 674</b>	<b>34, 996</b>	<b>289, 670</b>	<b>269, 283</b>	<b>35, 418</b>	<b>304, 701</b>
<b>Marine construction</b> .....	<b>10, 721</b>	<b>2, 614</b>	<b>13, 335</b>	<b>7, 107</b>	<b>4, 061</b>	<b>11, 168</b>	<b>5, 987</b>	<b>3, 958</b>	<b>9, 945</b>
25. Docks, wharves, piers, breakwaters .....	2, 895	1, 003	3, 898	1, 849	935	2, 784	1, 263	1, 022	2, 285
26. Retaining walls, embankments, riprapping .....	240	140	380	23	245	268	9	212	221
27. Canals and waterways .....	430	100	530	22	71	93	81	33	114
28. Dredging and pile driving .....	6, 272	42	6, 314	4, 900	2, 070	6, 970	3, 934	2, 047	5, 981
29. Dyke construction .....	—	—	—	—	14	14	—	—	—
30. Logging booms .....	709	802	1, 511	251	645	896	429	575	1, 004
31. Other marine construction .....	175	527	702	62	81	143	271	69	340

<sup>1</sup> Actual 1957, Preliminary 1958, Intentions 1959.

<sup>2</sup> Primary Industries include Agriculture, Fishing, Forestry, Mining, Quarrying, Oil Wells and the Construction Industry.

TABLE 11. Primary Industries — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>23,829</b>	<b>12,665</b>	<b>36,494</b>	<b>17,725</b>	<b>10,036</b>	<b>27,761</b>	<b>23,674</b>	<b>9,589</b>	<b>33,263</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	236	254	490	163	90	253	457	82	539
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	7,028	3,953	10,981	6,437	2,666	9,103	10,051	2,637	12,688
34. Dirt, clay or other streets, roads, parking lots, etc. ....	15,760	8,287	24,047	10,879	7,112	17,991	12,807	6,613	19,420
35. Grading, scraping, oiling, filling .....	639	136	775	203	155	358	281	244	525
36. Sidewalks, paths .....	50	2	52	32	—	32	25	—	25
37. Aerodromes, landing fields, runways, tarmac .....	116	33	149	11	13	24	53	13	66
<b>Waterworks and sewage systems</b> .....	<b>6,541</b>	<b>537</b>	<b>7,078</b>	<b>2,414</b>	<b>470</b>	<b>2,884</b>	<b>6,314</b>	<b>497</b>	<b>6,811</b>
38. Tile drains, drainage ditches, storm sewers .....	398	8	406	4	6	10	667	4	671
39. Water mains, hydrants and services .....	2,832	403	3,235	953	271	1,224	2,973	295	3,268
40. Sewage systems and connections .....	980	68	1,048	1,077	98	1,175	1,187	112	1,299
41. Pumping stations, water .....	1,770	55	1,825	335	89	424	1,195	76	1,271
42. Water storage tanks .....	561	3	564	45	6	51	292	10	302
<b>Dams and irrigation</b> .....	<b>7,875</b>	<b>2,526</b>	<b>10,401</b>	<b>7,114</b>	<b>2,568</b>	<b>9,682</b>	<b>7,175</b>	<b>2,628</b>	<b>9,803</b>
43. Dams and reservoirs .....	2,350	518	2,868	1,069	389	1,458	1,166	451	1,617
44. Irrigation and land reclamation projects .....	5,525	2,008	7,533	6,045	2,179	8,224	6,009	2,177	8,186
<b>Electric power construction</b> .....	<b>6,148</b>	<b>671</b>	<b>6,819</b>	<b>1,802</b>	<b>589</b>	<b>2,391</b>	<b>1,344</b>	<b>660</b>	<b>2,004</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,629	136	2,765	538	167	705	712	206	918
46. Electric transformer stations .....	1,572	50	1,622	380	78	458	231	73	304
47. Power transmission and distribution lines, trolley wires .....	1,886	463	2,349	822	319	1,141	313	356	669
48. Street lighting .....	61	22	83	62	25	87	88	25	113
<b>Railway, telephone and telegraph</b> .....	<b>2,347</b>	<b>3,283</b>	<b>5,630</b>	<b>926</b>	<b>2,270</b>	<b>3,196</b>	<b>1,065</b>	<b>2,184</b>	<b>3,249</b>
49. Railway tracks and roadbed .....	2,220	2,923	5,143	861	1,905	2,766	993	1,842	2,835
50. Signals and interlockers .....	—	1	1	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	127	359	486	65	365	430	72	342	414
<b>Gas and oil facilities</b> .....	<b>188,371</b>	<b>6,891</b>	<b>195,262</b>	<b>175,461</b>	<b>5,590</b>	<b>181,051</b>	<b>193,595</b>	<b>5,961</b>	<b>199,556</b>
52. Gas mains and services .....	—	4	4	—	1	1	—	1	1
53. Pumping stations, oil .....	135	84	219	1,109	30	1,139	267	32	299
54. Pumping stations, gas .....	39	—	39	70	—	70	57	1	58
55. Oil storage tanks .....	2,211	296	2,507	3,492	163	3,655	4,228	160	4,388
56. Gas storage tanks .....	1	53	54	24	—	24	29	—	29
57. Oil pipe lines .....	467	16	483	408	8	416	598	8	606
58. Gas pipe lines .....	3,100	134	3,234	2,613	25	2,638	1,977	40	2,017
59. Oil wells .....	159,867	5,839	165,706	145,502	5,020	150,522	158,038	5,328	163,366
60. Gas wells .....	22,551	465	23,016	22,040	293	22,333	26,588	342	26,930
61. Oil refinery—processing units .....	—	—	—	31	50	81	270	39	309
62. Natural gas cleaning plants .....	—	—	—	172	—	172	1,543	10	1,553
<b>Other engineering construction</b> .....	<b>61,263</b>	<b>9,477</b>	<b>70,740</b>	<b>42,125</b>	<b>9,412</b>	<b>51,537</b>	<b>30,120</b>	<b>9,941</b>	<b>40,070</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	301	188	489	670	174	844	808	102	910
64. Tunnels and subways .....	276	1	277	54	—	54	—	—	—
65. Incinerators .....	8	1	9	20	1	21	—	1	1
66. Park systems, landscaping, sodding, etc. ....	155	69	224	28	33	61	9	34	43
67. Swimming pools, tennis courts, outdoor recreation facilities ....	2	12	14	3	13	16	6	10	16
68. Mine shafts and other below surface workings .....	50,940	2,944	53,884	32,108	2,619	34,727	21,952	3,190	25,142
69. Fences, snowsheds, signs, guard rails .....	4,169	4,775	8,944	4,091	5,188	9,279	4,034	5,258	9,292
70. Other engineering construction .....	5,412	1,487	6,899	5,151	1,384	6,535	3,320	1,346	4,666



TABLE 12. Manufacturing

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>520,344</b>	<b>115,742</b>	<b>636,086</b>	<b>402,507</b>	<b>105,785</b>	<b>508,292</b>	<b>341,451</b>	<b>111,844</b>	<b>453,295</b>
<b>Total building construction .....</b>	<b>353,542</b>	<b>84,244</b>	<b>437,786</b>	<b>234,875</b>	<b>76,578</b>	<b>311,453</b>	<b>208,178</b>	<b>80,036</b>	<b>288,214</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Industrial .....</b>	<b>310,502</b>	<b>80,652</b>	<b>391,154</b>	<b>198,224</b>	<b>73,629</b>	<b>271,853</b>	<b>180,870</b>	<b>77,305</b>	<b>258,175</b>
2. Factories, plants, workshops, food canneries .....	308,793	76,471	385,264	196,961	69,456	266,417	178,042	73,252	251,294
3. Mine and mine mill buildings .....	38	42	80	133	563	696	731	277	1,008
4. Railway stations, offices, roadway buildings .....	94	2	96	—	1	1	—	13	13
5. Railway shops, engine houses, water and fuel stations .....	1,577	4,137	5,714	1,130	3,609	4,739	2,097	3,763	5,860
<b>Commercial .....</b>	<b>40,941</b>	<b>3,073</b>	<b>44,014</b>	<b>35,879</b>	<b>2,455</b>	<b>38,334</b>	<b>26,552</b>	<b>2,257</b>	<b>28,809</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,219	1,204	21,423	16,561	1,003	17,564	12,875	926	13,801
7. Grain elevators .....	346	100	446	128	133	261	215	52	267
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	75	124	199	98	76	174	303	134	437
9. Office buildings .....	18,009	1,421	19,430	18,090	1,079	19,169	12,289	912	13,201
10. Stores, retail and wholesale .....	317	170	487	650	117	767	560	188	748
11. Garages and service stations .....	1,496	30	1,526	289	20	309	289	32	321
12. Theatres, arenas, amusement and recreational buildings .....	479	20	499	63	27	90	21	13	34
13. Laundries and dry cleaning establishments .....	—	4	4	—	—	—	—	—	—
<b>Institutional .....</b>	<b>128</b>	<b>23</b>	<b>151</b>	<b>36</b>	<b>14</b>	<b>50</b>	<b>49</b>	<b>21</b>	<b>70</b>
14. Schools and other educational buildings .....	112	1	113	18	—	18	43	—	43
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	16	20	36	18	14	32	6	21	27
17. Other institutional buildings .....	—	2	2	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>1,971</b>	<b>496</b>	<b>2,467</b>	<b>736</b>	<b>480</b>	<b>1,216</b>	<b>707</b>	<b>453</b>	<b>1,160</b>
18. Farm buildings (excluding dwellings) .....	159	46	205	160	47	207	156	51	207
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	188	2	190	234	1	235	2	2	4
20. Aeroplane hangars .....	121	69	190	57	109	166	3	105	108
21. Passenger terminals, bus, boat or air .....	1	—	1	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	2	2	—	3	3	—	3	3
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,494	376	1,870	285	320	605	546	292	838
24. Other building construction .....	8	1	9	—	—	—	—	—	—
<b>Total engineering construction .....</b>	<b>166,802</b>	<b>31,498</b>	<b>198,300</b>	<b>167,632</b>	<b>29,207</b>	<b>196,839</b>	<b>133,273</b>	<b>31,808</b>	<b>165,081</b>
<b>Marine construction .....</b>	<b>8,549</b>	<b>1,588</b>	<b>10,137</b>	<b>4,753</b>	<b>1,083</b>	<b>5,836</b>	<b>3,500</b>	<b>1,311</b>	<b>4,811</b>
25. Docks, wharves, piers, breakwaters .....	7,577	859	8,436	4,507	745	5,252	3,135	954	4,089
26. Retaining walls, embankments, riprapping .....	129	22	151	88	13	101	104	5	109
27. Canals and waterways .....	159	49	208	—	1	1	13	—	13
28. Dredging and pile driving .....	494	181	675	138	210	348	185	218	403
29. Dyke construction .....	—	23	23	3	—	3	—	11	11
30. Logging booms .....	10	163	173	15	67	82	21	88	109
31. Other marine construction .....	180	291	471	2	47	49	42	35	77

TABLE 12. Manufacturing - Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>5,722</b>	<b>1,875</b>	<b>7,597</b>	<b>2,926</b>	<b>1,537</b>	<b>4,463</b>	<b>1,617</b>	<b>1,460</b>	<b>3,077</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	2,680	955	3,635	1,355	833	2,188	878	706	1,584
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	965	404	1,369	334	302	636	180	320	500
34. Dirt, clay or other streets, roads, parking lots, etc. ....	860	423	1,283	285	289	574	333	352	685
35. Grading, scraping, oiling, filling .....	1,144	69	1,213	877	78	955	57	59	116
36. Sidewalks, paths .....	5	22	27	72	26	98	169	13	182
37. Aerodromes, landing fields, runways, tarmac .....	68	2	70	3	9	12	—	10	10
<b>Waterworks and sewage systems .....</b>	<b>6,167</b>	<b>1,065</b>	<b>7,232</b>	<b>3,067</b>	<b>1,111</b>	<b>4,178</b>	<b>2,784</b>	<b>804</b>	<b>3,588</b>
38. Tile drains, drainage ditches, storm sewers .....	944	133	1,077	272	86	358	189	17	206
39. Water mains, hydrants and services .....	3,072	515	3,587	1,441	553	1,994	1,323	311	1,634
40. Sewage systems and connections .....	1,406	233	1,639	875	317	1,192	954	248	1,202
41. Pumping stations, water .....	390	137	527	296	144	440	212	212	424
42. Water storage tanks .....	355	47	402	183	11	194	106	16	122
<b>Dams and irrigation .....</b>	<b>363</b>	<b>303</b>	<b>666</b>	<b>84</b>	<b>118</b>	<b>202</b>	<b>32</b>	<b>288</b>	<b>320</b>
43. Dams and reservoirs .....	361	303	664	76	118	194	32	288	320
44. Irrigation and land reclamation projects .....	2	—	2	8	—	8	—	—	—
<b>Electric power construction .....</b>	<b>7,221</b>	<b>995</b>	<b>8,216</b>	<b>6,314</b>	<b>568</b>	<b>6,882</b>	<b>2,625</b>	<b>803</b>	<b>3,428</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,061	540	2,601	3,483	294	3,777	792	525	1,317
46. Electric transformer stations .....	2,907	189	3,096	1,648	71	1,719	1,201	64	1,265
47. Power transmission and distribution lines, trolley wires .....	2,224	251	2,475	1,095	183	1,278	560	174	734
48. Street lighting .....	29	15	44	88	20	108	72	40	112
<b>Railway, telephone and telegraph .....</b>	<b>1,756</b>	<b>705</b>	<b>2,461</b>	<b>765</b>	<b>681</b>	<b>1,446</b>	<b>298</b>	<b>472</b>	<b>770</b>
49. Railway tracks and roadbed .....	1,697	665	2,362	728	652	1,380	288	444	732
50. Signals and interlockers .....	—	1	1	1	—	1	9	—	9
51. Telegraph and telephone lines, underground and marine cables .....	59	39	98	36	29	65	1	28	29
<b>Gas and oil facilities .....</b>	<b>132,542</b>	<b>24,534</b>	<b>157,076</b>	<b>145,531</b>	<b>23,721</b>	<b>169,252</b>	<b>119,165</b>	<b>26,390</b>	<b>145,555</b>
52. Gas mains and services .....	178	10	188	632	12	644	98	9	107
53. Pumping stations, oil .....	241	39	280	41	10	51	28	5	33
54. Pumping stations, gas .....	26	5	31	3	5	8	2	2	4
55. Oil storage tanks .....	7,545	693	8,238	6,072	1,004	7,076	5,021	1,093	6,114
56. Gas storage tanks .....	788	2	790	1,026	4	1,030	319	4	323
57. Oil pipe lines .....	1,240	39	1,279	3,674	81	3,755	1,761	47	1,808
58. Gas pipe lines .....	4	17	21	4,467	22	4,489	130	48	178
59. Oil wells .....	317	17	334	8	6	14	100	10	110
60. Gas wells .....	6	4	10	24	14	38	24	8	32
61. Oil refinery - processing units .....	87,736	23,171	110,907	99,476	21,813	121,289	90,119	24,091	114,210
62. Natural gas cleaning plants .....	34,461	537	34,998	29,508	750	30,258	21,563	1,073	22,636
<b>Other engineering construction .....</b>	<b>4,482</b>	<b>433</b>	<b>4,915</b>	<b>4,192</b>	<b>388</b>	<b>4,580</b>	<b>3,252</b>	<b>280</b>	<b>3,532</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	439	41	480	638	73	711	416	41	457
64. Tunnels and subways .....	29	6	35	41	—	41	—	3	3
65. Incinerators .....	450	4	454	69	4	73	87	9	96
66. Park systems, landscaping, sodding, etc. ....	99	247	346	116	245	361	38	196	234
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	7	7	—	8	8	—	—	—
68. Mine shafts and other below surface workings .....	1,382	45	1,427	2,807	5	2,812	2,329	4	2,333
69. Fences, snowsheds, signs, guard rails .....	250	28	278	139	38	177	123	12	135
70. Other engineering construction .....	1,833	55	1,888	382	15	397	259	15	274



TABLE 13. Utilities

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1, 475, 409</b>	<b>269, 516</b>	<b>1, 744, 925</b>	<b>1, 410, 576</b>	<b>264, 967</b>	<b>1, 675, 543</b>	<b>1, 181, 103</b>	<b>297, 861</b>	<b>1, 478, 964</b>
<b>Total building construction .....</b>	<b>100, 946</b>	<b>32, 910</b>	<b>133, 856</b>	<b>100, 249</b>	<b>29, 736</b>	<b>129, 985</b>	<b>135, 187</b>	<b>32, 326</b>	<b>167, 513</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>20, 916</b>	<b>19, 724</b>	<b>40, 640</b>	<b>25, 901</b>	<b>17, 957</b>	<b>43, 858</b>	<b>24, 401</b>	<b>20, 416</b>	<b>44, 817</b>
2. Factories, plants, workshops, food canneries .....	5, 266	1, 689	6, 955	8, 278	1, 298	9, 576	5, 206	965	6, 171
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	9, 821	12, 654	22, 475	11, 142	12, 228	23, 370	13, 410	14, 041	27, 451
5. Railway shops, engine houses, water and fuel stations .....	5, 829	5, 381	11, 210	6, 481	4, 431	10, 912	5, 785	5, 410	11, 195
<b>Commercial .....</b>	<b>39, 884</b>	<b>10, 833</b>	<b>50, 717</b>	<b>34, 502</b>	<b>9, 769</b>	<b>44, 271</b>	<b>49, 186</b>	<b>9, 810</b>	<b>58, 996</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	11, 502	2, 174	13, 676	7, 745	2, 096	9, 841	7, 545	2, 074	9, 619
7. Grain elevators .....	13, 009	6, 321	19, 330	16, 345	5, 601	21, 946	17, 925	5, 491	23, 416
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	217	22	239	79	18	97	—	10	10
9. Office buildings .....	10, 970	1, 522	12, 492	7, 289	1, 298	8, 587	19, 623	1, 491	21, 114
10. Stores, retail and wholesale .....	2	19	21	13	7	20	—	7	7
11. Garages and service stations .....	4, 184	756	4, 940	3, 031	730	3, 761	4, 093	718	4, 811
12. Theatres, arenas, amusement and recreational buildings .....	—	13	13	—	14	14	—	14	14
13. Laundries and dry cleaning establishments .....	—	6	6	—	5	5	—	5	5
<b>Institutional .....</b>	<b>251</b>	<b>14</b>	<b>265</b>	<b>1, 808</b>	<b>15</b>	<b>1, 823</b>	<b>46</b>	<b>15</b>	<b>61</b>
14. Schools and Other educational buildings .....	251	6	257	446	5	451	—	5	5
15. Churches and other religious buildings .....	—	1	1	1, 362	5	1, 367	46	5	51
16. Hospitals, sanatoria, clinics, first-aid stations etc. ....	—	6	6	—	5	5	—	5	5
17. Other institutional buildings .....	—	1	1	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>39, 895</b>	<b>2, 339</b>	<b>42, 234</b>	<b>38, 038</b>	<b>1, 995</b>	<b>40, 033</b>	<b>61, 554</b>	<b>2, 085</b>	<b>63, 639</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	31, 514	1, 152	32, 666	33, 778	1, 080	34, 858	44, 222	1, 239	45, 461
20. Aeroplane hangars .....	2, 221	460	2, 681	2, 517	70	2, 587	16, 119	77	16, 196
21. Passenger terminals, bus, boat or air .....	1, 095	214	1, 309	192	143	335	807	209	1, 016
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3, 074	413	3, 487	1, 178	393	1, 571	369	361	730
24. Other building construction .....	1, 991	100	2, 091	373	309	682	37	199	236
<b>Total engineering construction .....</b>	<b>1, 374, 463</b>	<b>236, 606</b>	<b>1, 611, 069</b>	<b>1, 310, 327</b>	<b>235, 231</b>	<b>1, 545, 558</b>	<b>1, 045, 916</b>	<b>265, 535</b>	<b>1, 311, 451</b>
<b>Marine construction .....</b>	<b>91, 503</b>	<b>2, 281</b>	<b>93, 784</b>	<b>79, 324</b>	<b>1, 941</b>	<b>81, 265</b>	<b>54, 924</b>	<b>2, 102</b>	<b>57, 026</b>
25. Docks, wharves, piers, breakwaters .....	9, 228	1, 329	10, 557	13, 143	1, 406	14, 549	26, 125	1, 539	27, 664
26. Retaining walls, embankments, riprapping .....	33	69	102	198	55	253	29	34	63
27. Canals and waterways .....	71, 684	20	71, 704	27, 652	11	27, 663	6, 939	13	6, 952
28. Dredging and pile driving .....	9, 648	778	10, 426	38, 195	402	38, 597	20, 291	455	20, 746
29. Dyke construction .....	—	—	—	—	—	—	4	—	4
30. Logging booms .....	79	31	110	9	16	25	15	16	31
31. Other marine construction .....	831	54	885	127	51	178	1, 521	45	1, 566



TABLE 13. Utilities — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>9,314</b>	<b>599</b>	<b>9,913</b>	<b>17,752</b>	<b>605</b>	<b>18,357</b>	<b>14,054</b>	<b>589</b>	<b>14,643</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,331	159	3,490	17,370	257	17,627	13,806	263	14,069
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,049	156	2,205	357	173	530	187	171	358
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,830	147	3,977	4	85	89	50	62	112
35. Grading, scraping, oiling, filling .....	103	109	212	7	82	89	10	82	92
36. Sidewalks, paths .....	1	22	23	14	—	14	1	4	5
37. Aerodromes, landing fields, runways, tarmac .....	—	6	6	—	8	8	—	7	7
<b>Waterworks and sewage systems .....</b>	<b>62,499</b>	<b>14,638</b>	<b>77,137</b>	<b>62,736</b>	<b>14,498</b>	<b>77,234</b>	<b>76,947</b>	<b>17,041</b>	<b>93,988</b>
38. Tile drains, drainage ditches, storm sewers .....	8	2	10	82	7	89	25	5	30
39. Water mains, hydrants and services .....	52,578	13,527	66,105	48,622	13,345	61,967	58,916	14,938	73,854
40. Sewage systems and connections .....	3,324	56	3,380	3,500	25	3,525	10,000	31	10,031
41. Pumping stations, water .....	5,332	956	6,288	5,372	837	6,209	5,835	2,027	7,862
42. Water storage tanks .....	1,257	97	1,354	5,160	284	5,444	2,171	40	2,211
<b>Dams and irrigation .....</b>	<b>64,760</b>	<b>1,046</b>	<b>65,806</b>	<b>19,454</b>	<b>912</b>	<b>20,366</b>	<b>15,815</b>	<b>810</b>	<b>16,625</b>
43. Dams and reservoirs .....	64,752	1,046	65,798	19,442	911	20,353	15,795	809	16,604
44. Irrigation and land reclamation projects .....	8	—	8	12	1	13	20	1	21
<b>Electric power construction .....</b>	<b>442,620</b>	<b>39,834</b>	<b>482,454</b>	<b>474,310</b>	<b>38,415</b>	<b>512,725</b>	<b>415,118</b>	<b>42,017</b>	<b>457,135</b>
45. Electric power generating plants, including water conveying and controlling structures .....	238,668	9,099	247,767	234,419	6,449	240,868	201,667	7,658	209,325
46. Electric transformer stations .....	35,109	4,711	39,820	53,950	5,826	59,776	56,642	6,193	62,835
47. Power transmission and distribution lines, trolley wires .....	165,295	24,470	189,765	180,957	24,612	205,569	151,819	26,581	178,400
48. Street lighting .....	3,548	1,554	5,102	4,984	1,528	6,512	4,990	1,585	6,575
<b>Railway, telephone and telegraph .....</b>	<b>239,265</b>	<b>156,354</b>	<b>395,619</b>	<b>243,810</b>	<b>157,767</b>	<b>401,577</b>	<b>294,489</b>	<b>179,417</b>	<b>473,906</b>
49. Railway tracks and roadbed .....	136,781	116,358	253,139	130,794	117,165	247,959	164,814	134,866	299,680
50. Signals and interlockers .....	5,589	5,715	11,304	5,047	5,818	10,865	8,433	6,582	15,015
51. Telegraph and telephone lines, underground and marine cables .....	96,895	34,281	131,176	107,969	34,784	142,753	121,242	37,969	159,211
<b>Gas and oil facilities .....</b>	<b>364,726</b>	<b>7,036</b>	<b>371,762</b>	<b>310,358</b>	<b>7,776</b>	<b>318,134</b>	<b>113,188</b>	<b>8,152</b>	<b>121,340</b>
52. Gas mains and services .....	58,796	2,797	61,593	54,409	2,422	56,831	45,484	2,684	48,168
53. Pumping stations, oil .....	13,246	1,557	14,803	4,640	1,525	6,165	636	1,335	1,971
54. Pumping stations, gas .....	16,689	36	16,725	22,381	298	22,679	19,415	284	19,699
55. Oil storage tanks .....	4,422	124	4,546	586	76	662	254	65	319
56. Gas storage tanks .....	172	66	238	5	45	50	100	48	148
57. Oil pipe lines .....	44,400	1,481	45,881	19,059	1,284	20,343	3,125	1,452	4,577
58. Gas pipe lines .....	226,663	877	227,540	209,079	2,071	211,150	43,929	2,230	46,159
59. Oil wells .....	—	13	13	—	—	—	—	—	—
60. Gas wells .....	100	17	117	90	17	107	145	19	164
61. Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	238	68	306	109	38	147	100	35	135
<b>Other engineering construction .....</b>	<b>99,776</b>	<b>14,818</b>	<b>114,594</b>	<b>102,583</b>	<b>13,317</b>	<b>115,900</b>	<b>61,381</b>	<b>15,407</b>	<b>76,788</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	46,501	11,743	58,244	67,660	10,462	78,122	44,583	12,142	56,725
64. Tunnels and subways .....	50,640	31	50,671	32,663	65	32,728	14,612	68	14,680
65. Incinerators .....	—	—	—	1	—	1	—	—	—
66. Park systems, landscaping, sodding, etc. ....	27	78	105	47	76	123	7	21	28
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	3	3	1	3	4	—	4	4
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,994	2,676	4,670	1,969	2,049	4,018	2,033	2,377	4,410
70. Other engineering construction .....	614	287	901	242	662	904	146	795	941

TABLE 14. Trade Finance and Commercial Services

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>382,292</b>	<b>61,999</b>	<b>444,291</b>	<b>391,037</b>	<b>59,626</b>	<b>450,663</b>	<b>464,542</b>	<b>59,730</b>	<b>524,272</b>
<b>Total building construction .....</b>	<b>354,155</b>	<b>58,142</b>	<b>412,297</b>	<b>373,391</b>	<b>56,596</b>	<b>429,987</b>	<b>439,504</b>	<b>56,407</b>	<b>495,911</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>5,958</b>	<b>1,861</b>	<b>7,819</b>	<b>3,090</b>	<b>586</b>	<b>3,676</b>	<b>3,939</b>	<b>620</b>	<b>4,559</b>
2. Factories, plants, workshops, food canneries .....	5,823	1,819	7,642	3,090	586	3,676	3,939	620	4,559
3. Mine and mine mill buildings .....	-	-	-	-	-	-	-	-	-
4. Railway stations, offices, roadway buildings .....	13	-	13	-	-	-	-	-	-
5. Railway shops, engine houses, water and fuel stations .....	122	42	164	-	-	-	-	-	-
<b>Commercial .....</b>	<b>345,151</b>	<b>56,076</b>	<b>401,227</b>	<b>367,444</b>	<b>55,830</b>	<b>423,274</b>	<b>431,748</b>	<b>55,551</b>	<b>487,299</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	33,923	5,486	39,409	25,899	3,638	29,537	36,261	3,893	40,154
7. Grain elevators .....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	45,265	12,431	57,696	30,314	13,145	43,459	27,389	10,960	38,349
9. Office buildings .....	75,218	8,838	84,056	104,641	11,131	115,772	130,445	11,894	142,339
10. Stores, retail and wholesale .....	140,987	20,176	161,163	162,910	20,394	183,304	188,523	20,996	209,519
11. Garages and service stations .....	35,316	6,959	42,275	31,624	5,598	37,222	35,981	6,028	42,009
12. Theatres, arenas, amusement and recreational buildings .....	13,065	1,322	14,387	9,864	1,031	10,895	12,815	997	13,812
13. Laundries and dry cleaning establishments .....	1,377	864	2,241	2,192	893	3,085	334	783	1,117
<b>Institutional .....</b>	<b>2,697</b>	<b>193</b>	<b>2,890</b>	<b>2,628</b>	<b>172</b>	<b>2,800</b>	<b>3,460</b>	<b>229</b>	<b>3,689</b>
14. Schools and other educational buildings .....	-	-	-	-	-	-	-	-	-
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,697	193	2,890	2,628	172	2,800	3,460	229	3,689
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>349</b>	<b>12</b>	<b>361</b>	<b>229</b>	<b>8</b>	<b>237</b>	<b>357</b>	<b>7</b>	<b>364</b>
18. Farm buildings (excluding dwellings) .....	301	-	301	226	-	226	357	-	357
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	-	-	-	-	-	-	-	-
20. Aeroplane hangars .....	-	-	-	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6	-	6	-	-	-	-	-	-
24. Other building construction .....	42	12	54	3	8	11	-	7	7
<b>Total engineering construction .....</b>	<b>28,137</b>	<b>3,857</b>	<b>31,994</b>	<b>17,646</b>	<b>3,030</b>	<b>20,676</b>	<b>25,038</b>	<b>3,323</b>	<b>28,361</b>
<b>Marine construction .....</b>	<b>902</b>	<b>236</b>	<b>1,138</b>	<b>506</b>	<b>24</b>	<b>530</b>	<b>751</b>	<b>52</b>	<b>803</b>
25. Docks, wharves, piers, breakwaters .....	787	205	992	460	23	483	747	26	773
26. Retaining walls, embankments, riprapping .....	83	30	113	46	1	47	4	26	30
27. Canals and waterways .....	-	-	-	-	-	-	-	-	-
28. Dredging and pile driving .....	1	1	2	-	-	-	-	-	-
29. Dyke construction .....	-	-	-	-	-	-	-	-	-
30. Logging booms .....	-	-	-	-	-	-	-	-	-
31. Other marine construction .....	31	-	31	-	-	-	-	-	-



TABLE 14. Trade Finance and Commercial Services - Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>9,476</b>	<b>605</b>	<b>10,081</b>	<b>6,742</b>	<b>398</b>	<b>7,140</b>	<b>8,241</b>	<b>424</b>	<b>8,665</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	5,833	439	6,272	5,341	243	5,584	6,938	257	7,195
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,978	118	2,096	502	107	609	313	126	439
34. Dirt, clay or other streets, roads, parking lots, etc. ....	27	3	30	159	6	165	84	2	86
35. Grading, scraping, oiling, filling .....	1,211	37	1,248	499	33	532	624	38	662
36. Sidewalks, paths .....	301	8	309	241	9	250	282	1	283
37. Aerodromes, landing fields, runways, tarmac .....	126	-	126	-	-	-	-	-	-
<b>Waterworks and sewage systems .....</b>	<b>3,970</b>	<b>176</b>	<b>4,146</b>	<b>1,576</b>	<b>40</b>	<b>1,616</b>	<b>1,964</b>	<b>21</b>	<b>1,985</b>
38. Tile drains, drainage ditches, storm sewers .....	1,574	46	1,620	520	8	528	820	4	824
39. Water mains, hydrants and services .....	732	30	762	323	20	343	460	10	470
40. Sewage systems and connections .....	1,648	98	1,746	725	12	737	684	7	691
41. Pumping stations, water .....	16	1	17	8	-	8	-	-	-
42. Water storage tanks .....	-	1	1	-	-	-	-	-	-
<b>Dams and irrigation .....</b>	<b>6</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
43. Dams and reservoirs .....	6	-	6	-	-	-	-	-	-
44. Irrigation and land reclamation projects .....	-	-	-	-	-	-	-	-	-
<b>Electric power construction .....</b>	<b>241</b>	<b>12</b>	<b>253</b>	<b>109</b>	<b>1</b>	<b>110</b>	<b>285</b>	<b>11</b>	<b>296</b>
45. Electric power generating plants, including water conveying and controlling structures .....	36	-	36	-	-	-	-	9	9
46. Electric transformer stations .....	109	-	109	-	-	-	-	-	-
47. Power transmission and distribution lines, trolley wires .....	28	12	40	52	1	53	183	2	185
48. Street lighting .....	68	-	68	57	-	57	102	-	102
<b>Railway, telephone and telegraph .....</b>	<b>174</b>	<b>85</b>	<b>259</b>	<b>140</b>	<b>17</b>	<b>157</b>	<b>339</b>	<b>10</b>	<b>349</b>
49. Railway tracks and roadbed .....	159	85	244	140	17	157	339	10	349
50. Signals and interlockers .....	15	-	15	-	-	-	-	-	-
51. Telegraph and telephone lines, underground and marine cables .....	-	-	-	-	-	-	-	-	-
<b>Gas and oil facilities .....</b>	<b>12,266</b>	<b>2,132</b>	<b>14,398</b>	<b>7,252</b>	<b>2,308</b>	<b>9,560</b>	<b>12,202</b>	<b>2,573</b>	<b>14,775</b>
52. Gas mains and services .....	-	-	-	-	4	4	-	-	-
53. Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas .....	38	11	49	32	-	32	19	1	20
55. Oil storage tanks .....	10,779	2,025	12,804	6,929	2,285	9,214	12,131	2,563	14,694
56. Gas storage tanks .....	668	19	687	12	9	21	1	9	10
57. Oil pipe lines .....	781	77	858	277	10	287	51	-	51
58. Gas pipe lines .....	-	-	-	2	-	2	-	-	-
59. Oil wells .....	-	-	-	-	-	-	-	-	-
60. Gas wells .....	-	-	-	-	-	-	-	-	-
61. Oil refinery - processing units .....	-	-	-	-	-	-	-	-	-
62. Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>1,102</b>	<b>611</b>	<b>1,713</b>	<b>1,321</b>	<b>242</b>	<b>1,563</b>	<b>1,256</b>	<b>232</b>	<b>1,488</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	277	3	280	98	6	104	86	12	98
64. Tunnels and subways .....	-	-	-	-	-	-	-	-	-
65. Incinerators .....	-	7	7	-	-	-	2	-	2
66. Park systems, landscaping, sodding, etc. ....	130	11	141	68	44	112	69	16	85
67. Swimming pools, tennis courts, outdoor recreation facilities....	30	82	112	48	157	205	62	160	222
68. Mine shafts and other below surface workings .....	44	-	44	-	-	-	-	-	-
69. Fences, snowsheds, signs, guard rails .....	583	37	620	390	20	410	589	25	614
70. Other engineering construction .....	38	471	509	717	15	732	448	19	467



TABLE 15. Federal Government

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>305,517</b>	<b>61,870</b>	<b>367,387</b>	<b>325,787</b>	<b>61,581</b>	<b>387,368</b>	<b>366,801</b>	<b>62,046</b>	<b>428,847</b>
<b>Total building construction .....</b>	<b>187,678</b>	<b>38,203</b>	<b>225,881</b>	<b>160,112</b>	<b>38,133</b>	<b>198,245</b>	<b>181,453</b>	<b>38,418</b>	<b>219,871</b>
2. Factories, plants, workshops, food canneries .....	24,745	4,216	28,961	11,300	4,236	15,536	16,842	4,267	21,109
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,359	2,142	6,501	5,619	2,138	7,757	5,193	2,156	7,349
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7,745	1,081	8,826	4,234	1,078	5,312	7,670	1,085	8,755
9. Office buildings .....	60,644	10,941	71,585	67,664	10,957	78,621	51,571	11,038	62,609
10. Stores, retail and wholesale .....	499	53	552	—	53	53	—	53	53
11. Garages and service stations .....	3,334	417	3,751	4,839	413	5,252	1,658	416	2,074
12. Theatres, arenas, amusement and recreational buildings .....	3,607	463	4,070	2,913	461	3,374	2,156	463	2,619
14. Schools and other educational buildings .....	16,554	582	17,136	8,395	581	8,976	4,949	586	5,535
15. Churches and other religious buildings .....	2	56	58	62	56	118	—	57	57
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,858	1,334	10,192	6,501	1,336	7,837	13,561	1,348	14,909
17. Other institutional buildings .....	3,120	366	3,486	900	369	1,269	—	373	373
18. Farm buildings (excluding dwellings) .....	4,392	192	4,584	1,887	189	2,076	4,840	191	5,031
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	19,126	979	20,105	8,158	990	9,148	10,245	996	11,241
20. Aeroplane hangars .....	7,031	2,309	9,340	4,933	2,289	7,222	10,981	2,308	13,289
21. Passenger terminals, bus, boat or air .....	6,099	329	6,428	20,933	321	21,254	21,961	324	22,285
22. Armouries, barracks, drill halls, etc. ....	14,944	12,188	27,132	4,745	12,115	16,860	5,261	12,204	17,465
24. Other building construction .....	2,619	555	3,174	7,029	551	7,580	24,565	553	25,118
<b>Total engineering construction .....</b>	<b>117,839</b>	<b>23,667</b>	<b>141,506</b>	<b>165,675</b>	<b>23,448</b>	<b>189,123</b>	<b>185,348</b>	<b>23,628</b>	<b>208,976</b>
25. Docks, wharves, piers, breakwaters .....	14,320	2,995	17,315	27,326	2,968	30,294	25,318	2,986	28,304
26. Retaining walls, embankments, riprapping .....	790	476	1,266	2,087	482	2,569	—	486	486
27. Canals and waterways .....	320	1,055	1,375	1,691	1,067	2,758	1,252	1,076	2,328
28. Dredging and pile driving .....	2,829	651	3,480	18,386	645	19,031	11,134	650	11,784
29. Dyke construction .....	1,273	90	1,363	—	88	88	—	88	88
31. Other marine construction .....	12,440	261	12,701	1,090	255	1,345	1,878	260	2,138
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	14,366	1,323	15,689	19,527	1,314	20,841	28,127	1,326	29,453
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	15,248	3,187	18,435	17,378	3,123	20,501	10,845	3,149	13,994
34. Dirt, clay or other streets, roads, parking lots, etc. ....	247	555	802	—	555	555	—	560	560
35. Grading, scraping, oiling, filling .....	358	816	1,174	420	803	1,223	—	808	808
37. Aerodromes, landing fields, runways, tarmac .....	30,241	968	31,209	34,262	965	35,227	37,835	973	38,808
39. Water mains, hydrants and services .....	1,832	812	2,644	3,042	801	3,843	60	809	869
40. Sewage systems and connections .....	2,545	631	3,176	3,092	629	3,721	1,663	633	2,296
43. Dams and reservoirs .....	954	591	1,545	125	581	706	—	585	585
44. Irrigation and land reclamation projects .....	3,412	554	3,966	10,608	539	11,147	17,082	544	17,626
45. Electric power generating plants, including water conveying and controlling structures .....	696	391	1,087	4,689	387	5,076	—	387	387
46. Electric transformer stations .....	513	208	721	266	209	475	109	210	319
47. Power transmission and distribution lines, trolley wires .....	1,786	610	2,396	1,112	608	1,720	—	613	613
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,730	1,112	3,842	7,606	1,109	8,715	12,872	1,118	13,990
66. Park systems, landscaping, sodding, etc. ....	1,483	1,359	2,842	1,350	1,354	2,704	—	1,362	1,362
69. Fences, snowsheds, signs, guard rails .....	1,169	1,645	2,814	50	1,616	1,666	—	1,629	1,629
70. Other engineering construction .....	8,287	3,377	11,664	11,568	3,350	14,918	37,173	3,376	40,549

TABLE 16. Provincial Governments

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>460,482</b>	<b>112,656</b>	<b>573,138</b>	<b>511,638</b>	<b>126,531</b>	<b>638,169</b>	<b>545,155</b>	<b>130,747</b>	<b>675,902</b>
<b>Total building construction .....</b>	<b>44,475</b>	<b>9,910</b>	<b>54,385</b>	<b>68,282</b>	<b>9,832</b>	<b>78,114</b>	<b>80,241</b>	<b>10,486</b>	<b>90,727</b>
2. Factories, plants, workshops, food canneries .....	1,399	1,462	2,861	10	44	54	334	30	364
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,178	345	1,523	4,325	890	5,215	2,797	900	3,697
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	86	29	115	24	92	116	259	88	347
9. Office buildings .....	7,955	4,936	12,891	45,383	5,961	51,344	58,101	7,190	65,291
11. Garages and service stations .....	917	49	966	1,518	100	1,618	1,475	100	1,575
12. Theatres, arenas, amusement and recreational buildings .....	1,917	2	1,919	1,581	18	1,599	1,357	25	1,382
17. Other institutional buildings .....	22,199	2,613	24,812	13,289	2,375	15,664	12,444	1,735	14,179
24. Other building construction .....	8,824	474	9,298	2,152	352	2,504	3,474	418	3,892
<b>Total engineering construction .....</b>	<b>416,007</b>	<b>102,746</b>	<b>518,753</b>	<b>443,356</b>	<b>116,699</b>	<b>560,055</b>	<b>464,914</b>	<b>120,261</b>	<b>585,175</b>
25. Docks, wharves, piers, breakwaters .....	1,159	330	1,489	556	3	559	881	—	881
31. Other marine construction .....	43	69	112	30	—	30	77	—	77
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	203,020	39,268	242,288	207,569	45,869	253,438	217,874	56,029	273,903
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	95,873	42,426	138,299	99,262	46,662	145,924	108,003	46,825	154,828
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,298	2,005	5,303	14,705	2,228	16,933	22,299	1,534	23,833
35. Grading, scraping, oiling, filling .....	21,254	2,826	24,080	5,624	1,734	7,358	6,267	1,901	8,168
36. Sidewalks, paths .....	42	41	83	8	—	8	10	—	10
38. Tile drains, drainage ditches, storm sewers .....	8,636	180	8,816	1,212	53	1,265	1,243	72	1,315
39. Water mains, hydrants and services .....	392	3	395	389	5	394	334	—	334
43. Dams and reservoirs .....	34	—	34	4,112	1,518	5,630	801	835	1,636
44. Irrigation and land reclamation projects .....	3,507	—	3,507	4,007	363	4,370	3,522	416	3,938
63. Bridges, trestles, culverts, overpasses, viaducts .....	76,302	13,160	89,462	98,549	16,148	114,697	94,686	10,883	105,569
66. Park systems, landscaping, sodding, etc. ....	296	541	837	5,948	1,701	7,649	7,646	1,226	8,872
69. Fences, snowsheds, signs, guard rails .....	421	696	1,117	238	384	622	48	424	472
70. Other engineering construction .....	1,730	1,201	2,931	1,147	31	1,178	1,223	116	1,339



**TABLE 17. Municipal Governments**

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>258, 421</b>	<b>72, 147</b>	<b>330, 568</b>	<b>293, 946</b>	<b>85, 784</b>	<b>379, 730</b>	<b>338, 381</b>	<b>86, 393</b>	<b>424, 774</b>
<b>Total building construction .....</b>	<b>37, 618</b>	<b>6, 372</b>	<b>43, 990</b>	<b>42, 124</b>	<b>9, 035</b>	<b>51, 159</b>	<b>54, 882</b>	<b>9, 080</b>	<b>63, 962</b>
2. Factories, plants, workshops, food canneries .....	3, 020	444	3, 464	2, 804	596	3, 400	3, 366	687	4, 053
6. Warehouses, storehouses, refrigerated storage, etc. ....	410	1	411	572	2	574	607	2	609
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8	—	8	11	—	11	12	—	12
9. Office buildings .....	12, 588	1, 770	14, 358	11, 957	1, 512	13, 469	16, 146	1, 621	17, 767
11. Garages and service stations .....	4, 274	71	4, 345	2, 689	133	2, 822	10, 143	173	10, 316
12. Theatres, arenas, amusement and recreational buildings .....	3, 571	879	4, 450	7, 122	1, 612	8, 734	6, 399	1, 124	7, 523
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	814	141	955	477	40	517	152	57	209
17. Other institutional buildings .....	8, 490	2, 048	10, 538	11, 916	3, 549	15, 465	11, 455	3, 718	15, 173
24. Other building construction .....	4, 443	1, 018	5, 461	4, 576	1, 591	6, 167	6, 602	1, 698	8, 300
<b>Total engineering construction .....</b>	<b>220, 803</b>	<b>65, 775</b>	<b>286, 578</b>	<b>251, 822</b>	<b>76, 749</b>	<b>328, 571</b>	<b>283, 499</b>	<b>77, 313</b>	<b>360, 812</b>
25. Docks, wharves, piers, breakwaters .....	335	109	444	382	192	574	358	202	560
31. Other marine construction .....	—	80	80	—	163	163	—	174	174
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	72, 891	16, 254	89, 145	83, 496	21, 464	104, 960	90, 001	21, 386	111, 387
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	18, 707	18, 539	37, 246	24, 630	20, 245	44, 875	24, 513	20, 254	44, 767
34. Dirt, clay or other streets, roads, parking lots, etc. ....	10, 995	11, 365	22, 360	10, 351	6, 703	17, 054	10, 352	6, 912	17, 264
35. Grading, scraping, oiling, filling .....	468	52	520	653	106	759	692	113	805
36. Sidewalks, paths .....	13, 722	2, 990	16, 712	18, 006	3, 419	21, 425	17, 536	3, 483	21, 019
38. Tile drains, drainage ditches, storm sewers .....	7, 882	2, 564	10, 446	10, 546	3, 965	14, 511	10, 822	3, 755	14, 577
40. Sewage systems and connections .....	70, 200	6, 035	76, 235	74, 319	7, 872	82, 191	90, 823	8, 417	99, 240
48. Street lighting .....	2, 921	1, 469	4, 390	3, 885	2, 096	5, 981	3, 833	2, 131	5, 964
63. Bridges, trestles, culverts, overpasses, viaducts .....	13, 176	2, 130	15, 306	12, 618	2, 999	15, 617	18, 161	2, 707	20, 868
64. Tunnels and subways .....	2, 288	337	2, 625	4, 744	491	5, 235	6, 954	497	7, 451
65. Incinerators .....	225	82	307	697	1, 354	2, 051	1, 982	1, 327	3, 309
66. Park systems, landscaping, sodding, etc. ....	1, 353	405	1, 758	1, 888	822	2, 710	2, 002	877	2, 879
67. Swimming pools, tennis courts, outdoor recreation facilities ....	561	254	815	783	516	1, 299	830	550	1, 380
69. Fences, snowsheds, signs, guard rails .....	278	89	367	388	181	569	411	193	604
70. Other engineering construction .....	4, 801	3, 021	7, 822	4, 436	4, 161	8, 597	4, 229	4, 335	8, 564

**TABLE 18. Housing and Institutional Services**

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>1, 430, 000</b>	<b>383, 000</b>	<b>1, 813, 000</b>	<b>1, 781, 200</b>	<b>407, 100</b>	<b>2, 188, 300</b>	<b>1, 727, 700</b>	<b>426, 400</b>	<b>2, 154, 100</b>
<b>Institutions:</b>									
<b>Total value of work performed .....</b>	<b>407, 401</b>	<b>47, 762</b>	<b>455, 163</b>	<b>435, 282</b>	<b>48, 898</b>	<b>484, 180</b>	<b>486, 343</b>	<b>48, 308</b>	<b>534, 651</b>
9. Office buildings .....	315	—	315	449	—	449	80	—	80
12. Theatres, arenas, amusement and recreational buildings .....	870	34	904	1, 257	23	1, 280	915	26	941
14. Schools and other educational buildings .....	242, 899	24, 400	267, 299	254, 277	26, 518	280, 795	275, 039	26, 577	301, 616
15. Churches and other religious buildings .....	40, 651	7, 993	48, 644	48, 421	7, 427	55, 848	41, 504	6, 462	47, 966
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	108, 322	13, 933	122, 255	118, 039	13, 631	131, 670	145, 152	14, 241	159, 393
17. Other institutional buildings .....	9, 100	908	10, 008	9, 449	874	10, 323	19, 640	662	20, 302
18. Farm buildings (excluding dwellings) .....	124	28	152	57	32	89	12	21	33
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1, 146	275	1, 421	1, 576	88	1, 664	3, 429	78	3, 507
24. Other building construction .....	1, 589	2	1, 591	420	71	491	2	13	15
<b>All engineering construction .....</b>	<b>2, 385</b>	<b>189</b>	<b>2, 574</b>	<b>1, 337</b>	<b>234</b>	<b>1, 571</b>	<b>570</b>	<b>228</b>	<b>796</b>



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1957-1959<sup>1</sup>

TABLE 19. Newfoundland

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>68,359</b>	<b>22,034</b>	<b>90,393</b>	<b>75,314</b>	<b>16,838</b>	<b>92,152</b>	<b>63,717</b>	<b>19,234</b>	<b>82,951</b>
<b>Total building construction .....</b>	<b>41,797</b>	<b>13,981</b>	<b>55,778</b>	<b>40,070</b>	<b>7,325</b>	<b>47,395</b>	<b>34,948</b>	<b>9,491</b>	<b>44,439</b>
Residential .....	16,000	9,000	25,000	16,100	3,200	19,300	17,300	5,100	22,400
Industrial .....	5,055	1,553	6,608	937	1,011	1,948	752	1,172	1,924
Commercial .....	6,550	1,440	7,990	11,353	1,474	12,827	9,462	1,435	10,897
Institutional .....	8,866	1,202	10,068	8,547	840	9,387	5,240	1,051	6,291
Other building construction .....	5,326	786	6,112	3,133	800	3,933	2,194	733	2,927
<b>Total engineering construction .....</b>	<b>26,562</b>	<b>8,053</b>	<b>34,615</b>	<b>35,244</b>	<b>9,513</b>	<b>44,757</b>	<b>28,769</b>	<b>9,743</b>	<b>38,512</b>
Marine construction .....	5,017	857	5,874	5,021	736	5,757	5,300	791	6,091
Road, highway and aerodrome construction .....	6,533	3,632	10,165	17,333	6,308	23,641	16,973	6,425	23,398
Waterworks and sewage systems .....	1,425	458	1,883	941	474	1,415	596	544	1,140
Dams and irrigation .....	467	110	577	1,095	29	1,124	382	35	417
Electric power construction .....	4,192	1,623	5,815	3,997	551	4,548	2,079	588	2,667
Railway, telephone and telegraph .....	5,832	1,044	6,876	5,679	983	6,662	1,666	1,060	2,726
Gas and oil facilities .....	1,628	104	1,732	532	198	730	971	76	1,047
Other engineering construction .....	1,468	225	1,693	646	234	880	802	224	1,026

TABLE 20. Prince Edward Island

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>13,932</b>	<b>3,163</b>	<b>17,095</b>	<b>20,975</b>	<b>3,483</b>	<b>24,458</b>	<b>25,377</b>	<b>4,028</b>	<b>29,405</b>
<b>Total building construction .....</b>	<b>5,110</b>	<b>1,381</b>	<b>6,491</b>	<b>10,085</b>	<b>1,795</b>	<b>11,880</b>	<b>14,072</b>	<b>2,199</b>	<b>16,271</b>
Residential .....	1,000	—	1,000	2,000	400	2,400	2,200	800	3,000
Industrial .....	66	156	222	308	110	418	75	112	187
Commercial .....	954	323	1,277	1,914	282	2,196	2,479	289	2,768
Institutional .....	1,354	183	1,537	2,643	225	2,868	2,422	214	2,636
Other building construction .....	1,736	719	2,455	3,220	778	3,998	6,896	784	7,680
<b>Total engineering construction .....</b>	<b>8,822</b>	<b>1,782</b>	<b>10,604</b>	<b>10,890</b>	<b>1,688</b>	<b>12,578</b>	<b>11,305</b>	<b>1,829</b>	<b>13,134</b>
Marine construction .....	1,651	152	1,803	1,958	150	2,108	1,226	150	1,376
Road, highway and aerodrome construction .....	6,128	1,057	7,185	5,738	947	6,685	8,004	959	8,963
Waterworks and sewage systems .....	102	72	174	461	95	556	142	112	254
Dams and irrigation .....	56	19	75	58	21	79	62	22	84
Electric power construction .....	274	166	440	1,079	142	1,221	581	175	756
Railway, telephone and telegraph .....	265	187	452	319	191	510	363	234	597
Gas and oil facilities .....	48	1	49	615	5	620	112	10	122
Other engineering construction .....	298	128	426	662	137	799	815	167	982

<sup>1</sup> Actual 1957, Preliminary 1958, Intentions 1959.

TABLE 21. Nova Scotia

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>121,009</b>	<b>43,869</b>	<b>164,878</b>	<b>123,072</b>	<b>41,021</b>	<b>164,093</b>	<b>144,121</b>	<b>46,786</b>	<b>190,907</b>
<b>Total building construction</b> .....	<b>71,471</b>	<b>23,202</b>	<b>94,673</b>	<b>70,808</b>	<b>17,827</b>	<b>88,635</b>	<b>80,385</b>	<b>22,118</b>	<b>102,503</b>
<b>Residential</b> .....	<b>33,000</b>	<b>9,000</b>	<b>42,000</b>	<b>31,100</b>	<b>6,900</b>	<b>38,000</b>	<b>33,100</b>	<b>9,400</b>	<b>42,500</b>
<b>Industrial</b> .....	<b>5,357</b>	<b>5,906</b>	<b>11,263</b>	<b>5,138</b>	<b>3,343</b>	<b>8,481</b>	<b>3,501</b>	<b>5,084</b>	<b>8,585</b>
2. Factories, plants, workshops, food canneries.....	4,428	5,325	9,753	4,230	2,800	7,030	2,625	4,429	7,054
3. Mine and mine mill buildings.....	396	55	451	372	50	422	245	47	292
4. Railway stations, offices, roadway buildings.....	346	334	680	346	333	679	426	404	830
5. Railway shops, engine houses, water and fuel stations.....	187	192	379	190	160	350	205	204	409
<b>Commercial</b> .....	<b>13,234</b>	<b>3,108</b>	<b>16,342</b>	<b>11,103</b>	<b>2,499</b>	<b>13,602</b>	<b>13,200</b>	<b>2,675</b>	<b>15,875</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	1,980	688	2,668	1,801	536	2,337	1,787	628	2,415
7. Grain elevators.....	784	74	858	11	126	137	5	47	52
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	433	224	657	525	178	703	1,694	192	1,886
9. Office buildings.....	4,557	1,199	5,756	4,516	837	5,353	4,251	924	5,175
10. Stores, retail and wholesale.....	4,182	522	4,704	3,521	544	4,065	4,688	602	5,290
11. Garages and service stations.....	911	259	1,170	578	130	708	725	144	869
12. Theatres, arenas, amusement and recreational buildings.....	387	119	506	151	98	249	50	97	147
13. Laundries and dry cleaning establishments.....	—	23	23	—	50	50	—	41	41
<b>Institutional</b> .....	<b>17,026</b>	<b>1,646</b>	<b>18,672</b>	<b>15,848</b>	<b>1,546</b>	<b>17,394</b>	<b>18,390</b>	<b>1,421</b>	<b>19,811</b>
14. Schools and other educational buildings.....	10,648	711	11,359	7,362	656	8,018	8,381	492	8,873
15. Churches and other religious buildings.....	4,238	332	4,570	6,584	373	6,957	2,592	329	2,921
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	1,878	573	2,451	1,427	433	1,860	6,674	514	7,188
17. Other institutional buildings.....	262	30	292	475	84	559	743	86	829
<b>Other building construction</b> .....	<b>2,854</b>	<b>3,542</b>	<b>6,396</b>	<b>7,619</b>	<b>3,539</b>	<b>11,158</b>	<b>12,194</b>	<b>3,538</b>	<b>15,732</b>
18. Farm buildings (excluding dwellings).....	1,542	1,061	2,603	1,573	1,114	2,687	3,785	1,127	4,912
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	285	68	353	681	62	743	995	66	1,061
20. Aeroplane hangars.....	29	286	315	1,640	279	1,919	2,232	282	2,514
21. Passenger terminals, bus, boat or air.....	47	4	51	2,257	7	2,264	2,432	2	2,434
22. Armouries, barracks, drill halls, etc.....	—	2,008	2,008	891	1,961	2,852	251	1,975	2,226
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	141	115	256	130	114	244	746	84	830
24. Other building construction.....	810	—	810	447	2	449	1,753	2	1,755
<b>Total engineering construction</b> .....	<b>49,538</b>	<b>20,667</b>	<b>70,205</b>	<b>52,264</b>	<b>23,194</b>	<b>75,458</b>	<b>63,736</b>	<b>24,668</b>	<b>88,404</b>
<b>Marine construction</b> .....	<b>6,287</b>	<b>1,727</b>	<b>8,014</b>	<b>6,662</b>	<b>1,520</b>	<b>8,182</b>	<b>6,781</b>	<b>1,687</b>	<b>8,468</b>
25. Docks, wharves, piers, breakwaters.....	4,440	1,096	5,536	5,757	1,029	6,786	5,578	1,192	6,770
26. Retaining walls, embankments, riprapping.....	33	2	35	64	161	225	4	166	170
27. Canals and waterways.....	5	27	32	183	32	215	553	30	583
28. Dredging and pile driving.....	274	205	479	576	200	776	572	202	774
29. Dyke construction.....	1,027	43	1,070	—	42	42	—	42	42
30. Logging booms.....	22	28	50	20	24	44	18	23	41
31. Other marine construction.....	486	326	812	62	32	94	56	32	88



TABLE 21. Nova Scotia — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>23,612</b>	<b>7,865</b>	<b>31,477</b>	<b>23,360</b>	<b>11,139</b>	<b>34,499</b>	<b>23,636</b>	<b>11,144</b>	<b>34,780</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	15,689	1,461	17,150	17,468	9,785	27,253	19,545	9,842	29,387
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,764	5,585	8,349	1,795	625	2,420	164	615	779
34. Dirt, clay or other streets, roads, parking lots, etc. ....	567	601	1,168	377	493	870	536	443	979
35. Grading, scraping, oiling, filling .....	42	7	49	62	11	73	—	8	8
36. Sidewalks, paths .....	544	134	678	570	150	720	623	160	783
37. Aerodromes, landing fields, runways, tarmac .....	4,006	77	4,083	3,088	75	3,163	2,768	76	2,844
<b>Waterworks and sewage systems .....</b>	<b>2,298</b>	<b>755</b>	<b>3,053</b>	<b>2,845</b>	<b>892</b>	<b>3,737</b>	<b>3,479</b>	<b>1,190</b>	<b>4,669</b>
38. Tile drains, drainage ditches, storm sewers .....	12	72	84	168	101	269	9	119	128
39. Water mains, hydrants and services .....	1,157	448	1,605	1,235	488	1,723	1,879	468	2,347
40. Sewage systems and connections .....	1,063	224	1,287	931	291	1,222	1,337	582	1,919
41. Pumping stations, water .....	65	9	74	488	12	500	254	9	263
42. Water storage tanks .....	1	2	3	23	—	23	—	12	12
<b>Dams and irrigation .....</b>	<b>583</b>	<b>141</b>	<b>724</b>	<b>684</b>	<b>75</b>	<b>759</b>	<b>3,252</b>	<b>89</b>	<b>3,341</b>
43. Dams and reservoirs .....	478	106	584	576	38	614	3,144	52	3,196
44. Irrigation and land reclamation projects .....	105	35	140	108	37	145	108	37	145
<b>Electric power construction .....</b>	<b>5,731</b>	<b>1,526</b>	<b>7,257</b>	<b>6,151</b>	<b>1,425</b>	<b>7,576</b>	<b>10,660</b>	<b>1,563</b>	<b>12,223</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,719	295	2,014	1,886	223	2,109	2,234	285	2,519
46. Electric transformer stations .....	314	49	363	128	21	149	601	23	624
47. Power transmission and distribution lines, trolley wires .....	3,649	1,059	4,708	4,038	1,019	5,057	7,732	1,088	8,820
48. Street lighting .....	49	123	172	99	162	261	93	167	260
<b>Railway, telephone and telegraph .....</b>	<b>5,052</b>	<b>4,922</b>	<b>9,974</b>	<b>5,615</b>	<b>4,258</b>	<b>9,873</b>	<b>6,492</b>	<b>5,051</b>	<b>11,543</b>
49. Railway tracks and roadbed .....	3,014	3,903	6,917	3,462	3,462	6,924	4,116	4,173	8,289
50. Signals and interlockers .....	104	113	217	133	128	261	171	153	324
51. Telegraph and telephone lines, underground and marine cables .....	1,934	906	2,840	2,020	668	2,688	2,205	725	2,930
<b>Gas and oil facilities .....</b>	<b>1,965</b>	<b>1,081</b>	<b>3,046</b>	<b>984</b>	<b>1,018</b>	<b>2,002</b>	<b>902</b>	<b>736</b>	<b>1,638</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	160	6	166	615	13	628	490	110	600
56. Gas storage tanks .....	85	6	91	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	24	24	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	99	—	99
60. Gas wells .....	—	—	—	—	—	—	99	—	99
61. Oil refinery—processing units .....	1,720	1,069	2,789	369	981	1,350	214	626	840
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>4,010</b>	<b>2,650</b>	<b>6,660</b>	<b>5,963</b>	<b>2,867</b>	<b>8,830</b>	<b>8,534</b>	<b>3,208</b>	<b>11,742</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,561	1,861	4,422	3,421	2,241	5,662	3,407	2,003	5,410
64. Tunnels and subways .....	1	—	1	5	—	5	6	—	6
65. Incinerators .....	42	1	43	304	5	309	1,197	4	1,201
66. Park systems, landscaping, sodding, etc. ....	44	51	95	45	50	95	—	50	50
67. Swimming pools, tennis courts, outdoor recreation facilities ....	20	—	20	48	—	48	20	—	20
68. Mine shafts and other below surface workings .....	595	398	993	720	293	1,013	406	785	1,191
69. Fences, snowsheds, signs, guard rails .....	241	212	453	142	190	332	145	275	420
70. Other engineering construction .....	506	127	633	1,278	88	1,366	3,353	91	3,444



TABLE 22. New Brunswick

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>108,731</b>	<b>35,227</b>	<b>143,958</b>	<b>121,741</b>	<b>40,013</b>	<b>161,754</b>	<b>155,418</b>	<b>40,980</b>	<b>196,398</b>
<b>Total building construction</b> .....	<b>63,020</b>	<b>17,090</b>	<b>80,110</b>	<b>68,968</b>	<b>16,206</b>	<b>85,174</b>	<b>69,995</b>	<b>17,111</b>	<b>87,106</b>
<b>Residential</b> .....	<b>33,000</b>	<b>9,000</b>	<b>42,000</b>	<b>39,400</b>	<b>8,300</b>	<b>47,700</b>	<b>39,000</b>	<b>8,500</b>	<b>47,500</b>
<b>Industrial</b> .....	<b>4,140</b>	<b>2,318</b>	<b>6,458</b>	<b>4,512</b>	<b>2,173</b>	<b>6,685</b>	<b>3,339</b>	<b>2,297</b>	<b>5,636</b>
2. Factories, plants, workshops, food canneries .....	3,069	1,161	4,230	3,616	1,160	4,776	2,252	1,108	3,360
3. Mine and mine mill buildings .....	355	21	376	39	24	63	56	33	89
4. Railway stations, offices, roadway buildings .....	428	616	1,044	515	609	1,124	646	708	1,354
5. Railway shops, engine houses, water and fuel stations .....	288	520	808	342	380	722	385	448	833
<b>Commercial</b> .....	<b>9,417</b>	<b>2,290</b>	<b>11,707</b>	<b>9,795</b>	<b>1,653</b>	<b>11,448</b>	<b>11,469</b>	<b>1,725</b>	<b>13,194</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,762	411	2,173	1,054	318	1,372	999	330	1,329
7. Grain elevators .....	127	118	245	26	36	62	2	34	36
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	434	180	614	296	147	443	347	130	477
9. Office buildings .....	2,045	733	2,778	3,649	434	4,083	4,461	421	4,882
10. Stores, retail and wholesale .....	3,380	535	3,915	3,013	479	3,492	2,277	442	2,719
11. Garages and service stations .....	1,126	253	1,379	1,538	180	1,718	3,301	304	3,605
12. Theatres, arenas, amusement and recreational buildings .....	543	34	577	219	33	252	82	36	118
13. Laundries and dry cleaning establishments .....	—	26	26	—	26	26	—	28	28
<b>Institutional</b> .....	<b>12,949</b>	<b>1,203</b>	<b>14,152</b>	<b>11,685</b>	<b>1,760</b>	<b>13,445</b>	<b>11,758</b>	<b>2,284</b>	<b>14,022</b>
14. Schools and other educational buildings .....	5,538	484	6,022	5,100	150	5,250	6,674	146	6,820
15. Churches and other religious buildings .....	679	235	914	565	279	844	998	200	1,198
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,769	407	6,176	5,183	632	5,815	3,304	1,291	4,595
17. Other institutional buildings .....	963	77	1,040	837	699	1,536	782	627	1,409
<b>Other building construction</b> .....	<b>3,514</b>	<b>2,279</b>	<b>5,793</b>	<b>3,576</b>	<b>2,320</b>	<b>5,896</b>	<b>4,429</b>	<b>2,325</b>	<b>6,754</b>
18. Farm buildings (excluding dwellings) .....	1,581	994	2,575	1,536	1,094	2,630	1,607	1,107	2,714
19. Broadcasting, radio and television, relay and booster stations telephone exchanges .....	1,251	115	1,366	1,027	87	1,114	1,128	61	1,189
20. Aeroplane hangars .....	9	336	345	—	327	327	6	330	336
21. Passenger terminals, bus, boat or air .....	8	325	333	397	317	714	14	320	334
22. Armouries, barracks, drill halls, etc. ....	232	289	521	219	282	501	391	283	674
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	283	193	476	318	145	463	778	154	932
24. Other building construction .....	150	27	177	79	68	147	505	70	575
<b>Total engineering construction</b> .....	<b>45,711</b>	<b>18,137</b>	<b>63,848</b>	<b>52,773</b>	<b>23,807</b>	<b>76,580</b>	<b>85,423</b>	<b>23,869</b>	<b>109,292</b>
<b>Marine construction</b> .....	<b>2,836</b>	<b>803</b>	<b>3,639</b>	<b>6,072</b>	<b>779</b>	<b>6,851</b>	<b>5,572</b>	<b>725</b>	<b>6,297</b>
25. Docks, wharves, piers, breakwaters .....	1,397	341	1,738	4,670	323	4,993	4,162	306	4,468
26. Retaining walls, embankments, riprapping .....	57	27	84	—	26	26	—	27	27
27. Canals and waterways .....	—	—	—	—	2	2	—	2	2
28. Dredging and pile driving .....	971	321	1,292	1,309	335	1,644	1,373	292	1,665
29. Dyke construction .....	228	32	260	—	31	31	—	31	31
30. Logging booms .....	37	51	88	28	37	65	37	44	81
31. Other marine construction .....	146	31	177	65	25	90	—	23	23

TABLE 22. New Brunswick — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>19,383</b>	<b>7,172</b>	<b>26,565</b>	<b>22,071</b>	<b>12,812</b>	<b>34,883</b>	<b>18,945</b>	<b>11,596</b>	<b>30,541</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	16,755	397	17,152	10,913	6,558	17,471	9,681	6,244	15,925
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,094	5,693	6,787	8,919	5,528	14,447	7,471	4,680	12,151
34. Dirt, clay or other streets, roads, parking lots, etc. ....	991	965	1,956	804	619	1,423	973	559	1,532
35. Grading, scraping, oilling, filling .....	64	29	93	211	3	214	—	3	3
36. Sidewalks, paths .....	144	88	232	144	104	248	215	110	325
37. Aerodromes, landing fields, runways, tarmac .....	345	—	345	1,080	—	1,080	605	—	605
<b>Waterworks and sewage systems</b> .....	<b>1,414</b>	<b>686</b>	<b>2,100</b>	<b>2,267</b>	<b>716</b>	<b>2,983</b>	<b>2,150</b>	<b>762</b>	<b>2,912</b>
38. Tile drains, drainage ditches, storm sewers .....	8	57	65	192	61	253	190	36	226
39. Water mains, hydrants and services .....	1,105	563	1,668	1,257	474	1,731	1,281	551	1,832
40. Sewage systems and connections .....	226	56	282	736	176	912	612	169	781
41. Pumping stations, water .....	75	9	84	78	5	83	54	6	60
42. Water storage tanks .....	—	1	1	4	—	4	13	—	13
<b>Dams and irrigation</b> .....	<b>207</b>	<b>73</b>	<b>280</b>	<b>273</b>	<b>79</b>	<b>352</b>	<b>276</b>	<b>79</b>	<b>355</b>
43. Dams and reservoirs .....	113	39	152	171	42	213	163	41	204
44. Irrigation and land reclamation projects .....	94	34	128	102	37	139	113	38	151
<b>Electric power construction</b> .....	<b>8,839</b>	<b>465</b>	<b>9,304</b>	<b>4,791</b>	<b>527</b>	<b>5,318</b>	<b>5,677</b>	<b>673</b>	<b>6,350</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,879	97	3,976	1,459	54	1,513	2,136	37	2,173
46. Electric transformer stations .....	1,138	30	1,168	410	39	449	429	63	492
47. Power transmission and distribution lines, trolley wires .....	3,716	328	4,044	2,714	422	3,136	2,921	558	3,479
48. Street lighting .....	106	10	116	208	12	220	191	15	206
<b>Railway, telephone and telegraph</b> .....	<b>7,843</b>	<b>6,767</b>	<b>14,610</b>	<b>8,001</b>	<b>6,844</b>	<b>14,845</b>	<b>9,139</b>	<b>7,802</b>	<b>16,941</b>
49. Railway tracks and roadbed .....	4,795	5,670	10,465	5,036	5,665	10,701	6,287	6,615	12,902
50. Signals and interlockers .....	165	329	494	201	271	472	269	310	579
51. Telegraph and telephone lines, underground and marine cables .....	2,883	768	3,651	2,764	908	3,672	2,583	877	3,460
<b>Gas and oil facilities</b> .....	<b>553</b>	<b>22</b>	<b>575</b>	<b>5,544</b>	<b>35</b>	<b>5,579</b>	<b>38,820</b>	<b>62</b>	<b>38,882</b>
52. Gas mains and services .....	—	12	12	—	11	11	—	11	11
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	246	6	252	164	18	182	548	35	583
56. Gas storage tanks .....	11	—	11	—	—	—	—	—	—
57. Oil pipe lines .....	222	—	222	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	28	4	32	28	6	34	136	8	144
60. Gas wells .....	46	—	46	52	—	52	136	8	144
61. Oil refinery — processing units .....	—	—	—	5,300	—	5,300	38,000	—	38,000
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>4,826</b>	<b>2,149</b>	<b>6,775</b>	<b>3,754</b>	<b>2,015</b>	<b>5,769</b>	<b>4,844</b>	<b>2,170</b>	<b>7,014</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,757	1,549	3,306	2,510	1,480	3,990	3,114	1,618	4,732
64. Tunnels and subways .....	3	1	4	2	1	3	12	1	13
65. Incinerators .....	35	18	53	—	3	3	8	3	11
66. Park systems, landscaping, sodding, etc. ....	77	105	182	319	100	419	5	99	104
67. Swimming pools, tennis courts, outdoor recreation facilities ....	645	14	659	222	14	236	—	14	14
68. Mine shafts and other below surface workings .....	1,122	88	1,210	111	9	120	—	—	—
69. Fences, snowsheds, signs, guard rails .....	329	209	538	167	211	378	177	230	407
70. Other engineering construction .....	658	165	823	423	197	620	1,528	205	1,733



TABLE 23. Quebec

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,376,720</b>	<b>284,832</b>	<b>1,661,552</b>	<b>1,434,193</b>	<b>308,729</b>	<b>1,742,922</b>	<b>1,432,371</b>	<b>317,012</b>	<b>1,749,383</b>
<b>Total building construction .....</b>	<b>800,237</b>	<b>187,434</b>	<b>987,671</b>	<b>848,427</b>	<b>202,303</b>	<b>1,050,730</b>	<b>910,505</b>	<b>204,338</b>	<b>1,114,843</b>
<b>Residential .....</b>	<b>388,000</b>	<b>102,000</b>	<b>490,000</b>	<b>449,200</b>	<b>112,600</b>	<b>561,800</b>	<b>463,000</b>	<b>114,300</b>	<b>577,300</b>
<b>Industrial .....</b>	<b>107,637</b>	<b>29,546</b>	<b>137,183</b>	<b>66,859</b>	<b>27,861</b>	<b>94,720</b>	<b>67,760</b>	<b>27,764</b>	<b>95,524</b>
2. Factories, plants, workshops, food canneries .....	92,558	22,172	114,730	58,787	21,555	80,342	58,494	20,950	79,444
3. Mine and mine mill buildings .....	11,383	2,636	14,019	4,291	2,299	6,590	5,882	2,263	8,145
4. Railway stations, offices, roadway buildings .....	1,587	2,316	3,903	1,711	1,913	3,624	1,992	2,220	4,212
5. Railway shops, engine houses, water and fuel stations .....	2,109	2,422	4,531	2,070	2,094	4,164	1,392	2,331	3,723
<b>Commercial .....</b>	<b>135,497</b>	<b>21,583</b>	<b>157,080</b>	<b>171,980</b>	<b>24,125</b>	<b>196,105</b>	<b>203,492</b>	<b>26,389</b>	<b>229,881</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	13,882	3,314	17,196	10,868	3,197	14,065	16,496	3,519	20,015
7. Grain elevators .....	5,369	547	5,916	9,330	585	9,915	10,087	1,129	11,216
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	16,250	3,783	20,033	9,355	2,774	12,129	8,003	2,718	10,721
9. Office buildings .....	43,286	6,082	49,368	76,376	8,647	85,023	90,103	9,703	99,806
10. Stores, retail and wholesale .....	36,569	4,579	41,148	45,799	6,142	51,941	59,829	6,456	66,285
11. Garages and service stations .....	13,890	2,336	16,226	14,287	1,669	15,956	10,187	1,713	11,900
12. Theatres, arenas, amusement and recreational buildings .....	6,011	707	6,718	5,508	935	6,443	8,721	1,024	9,745
13. Laundries and dry cleaning establishments .....	240	235	475	457	176	633	66	127	193
<b>Institutional .....</b>	<b>119,178</b>	<b>17,322</b>	<b>136,500</b>	<b>109,581</b>	<b>19,713</b>	<b>129,294</b>	<b>106,491</b>	<b>18,163</b>	<b>124,654</b>
14. Schools and other educational buildings .....	55,271	6,741	62,012	56,474	8,023	64,497	58,783	7,880	66,663
15. Churches and other religious buildings .....	11,244	3,399	14,643	11,478	3,280	14,758	12,399	3,068	15,467
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	36,495	5,672	42,167	33,838	5,094	38,932	30,106	4,895	35,001
17. Other institutional buildings .....	16,168	1,510	17,678	7,791	3,316	11,107	5,203	2,320	7,523
<b>Other building construction .....</b>	<b>49,925</b>	<b>16,983</b>	<b>66,908</b>	<b>50,807</b>	<b>18,004</b>	<b>68,811</b>	<b>69,762</b>	<b>17,722</b>	<b>87,484</b>
18. Farm buildings (excluding dwellings) .....	17,059	12,372	29,431	19,619	13,583	33,202	18,525	13,413	31,938
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	15,082	906	15,988	17,264	880	18,144	21,146	887	22,033
20. Aeroplane hangars .....	4,074	395	4,469	2,151	346	2,497	16,221	340	16,561
21. Passenger terminals, bus, boat or air .....	3,827	16	3,843	7,370	17	7,387	6,414	14	6,428
22. Armouries, barracks, drill halls, etc. ....	3,730	2,184	5,914	774	2,226	3,000	213	2,238	2,451
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,158	915	6,073	2,472	678	3,150	3,225	614	3,839
24. Other building construction .....	995	195	1,190	1,157	274	1,431	4,018	216	4,234
<b>Total engineering construction .....</b>	<b>576,483</b>	<b>97,398</b>	<b>673,881</b>	<b>585,766</b>	<b>106,426</b>	<b>692,192</b>	<b>521,866</b>	<b>112,674</b>	<b>634,540</b>
<b>Marine construction .....</b>	<b>76,860</b>	<b>3,839</b>	<b>80,699</b>	<b>54,076</b>	<b>2,984</b>	<b>57,060</b>	<b>50,057</b>	<b>3,150</b>	<b>53,207</b>
25. Docks, wharves, piers, breakwaters .....	12,096	1,453	13,549	11,249	1,375	12,624	27,706	1,517	29,223
26. Retaining walls, embankments, riprapping .....	369	464	833	1,695	423	2,118	135	397	532
27. Canals and waterways .....	55,567	278	55,845	25,764	263	26,027	6,262	262	6,524
28. Dredging and pile driving .....	8,285	788	9,073	14,910	383	15,293	12,864	444	13,308
29. Dyke construction .....	—	10	10	—	19	19	—	5	5
30. Logging booms .....	407	303	710	105	218	323	201	239	440
31. Other marine construction .....	136	543	679	353	283	636	2,889	286	3,175



TABLE 23. Quebec - Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>113,223</b>	<b>30,778</b>	<b>144,001</b>	<b>113,215</b>	<b>28,807</b>	<b>142,022</b>	<b>122,972</b>	<b>35,571</b>	<b>158,543</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	76,862	22,426	99,288	90,332	19,227	109,559	94,344	27,202	121,546
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	16,597	4,353	20,950	7,800	5,511	13,311	12,063	5,200	17,263
34. Dirt, clay or other streets, roads, parking lots, etc. ....	4,674	3,199	7,873	3,890	2,941	6,831	3,123	1,951	5,074
35. Grading, scraping, oiling, filling .....	4,095	209	4,304	1,118	162	1,280	1,023	196	1,219
36. Sidewalks, paths .....	3,724	453	4,177	5,107	846	5,953	5,405	901	6,306
37. Aerodromes, landing fields, runways, tarmac .....	7,271	138	7,409	4,968	120	5,088	7,014	121	7,135
<b>Waterworks and sewage systems .....</b>	<b>43,306</b>	<b>6,179</b>	<b>49,485</b>	<b>35,406</b>	<b>7,527</b>	<b>42,933</b>	<b>33,445</b>	<b>9,157</b>	<b>42,602</b>
38. Tile drains, drainage ditches, storm sewers .....	13,073	155	13,228	6,273	271	6,544	7,111	212	7,323
39. Water mains, hydrants and services .....	18,443	4,356	22,799	14,230	4,170	18,400	13,349	4,587	17,936
40. Sewage systems and connections .....	11,030	1,437	12,467	10,524	2,744	13,268	11,185	2,895	14,080
41. Pumping stations, water .....	481	221	702	1,206	69	1,275	779	1,457	2,236
42. Water storage tanks .....	279	10	289	3,173	273	3,446	1,021	6	1,027
<b>Dams and irrigation .....</b>	<b>40,766</b>	<b>1,043</b>	<b>41,809</b>	<b>13,764</b>	<b>2,754</b>	<b>16,518</b>	<b>7,260</b>	<b>2,036</b>	<b>9,296</b>
43. Dams and reservoirs .....	39,633	633	40,266	12,520	2,301	14,821	6,016	1,589	7,605
44. Irrigation and land reclamation projects .....	1,133	410	1,543	1,244	453	1,697	1,244	447	1,691
<b>Electric power construction .....</b>	<b>144,419</b>	<b>9,352</b>	<b>153,771</b>	<b>184,332</b>	<b>8,667</b>	<b>192,999</b>	<b>127,290</b>	<b>9,239</b>	<b>136,529</b>
45. Electric power generating plants, including water conveying and controlling structures .....	67,504	3,715	71,219	86,755	1,463	88,218	62,621	1,781	64,402
46. Electric transformer stations .....	22,018	1,347	23,365	30,194	2,650	32,844	28,860	2,789	31,649
47. Power transmission and distribution lines, trolley wires .....	53,886	3,989	57,875	66,290	4,178	70,468	34,784	4,309	39,093
48. Street lighting .....	1,011	301	1,312	1,093	376	1,469	1,025	360	1,385
<b>Railway, telephone and telegraph .....</b>	<b>42,109</b>	<b>25,873</b>	<b>67,982</b>	<b>50,300</b>	<b>30,276</b>	<b>80,576</b>	<b>78,800</b>	<b>33,524</b>	<b>112,324</b>
49. Railway tracks and roadbed .....	21,711	16,906	38,617	20,966	20,011	40,977	41,290	22,611	63,901
50. Signals and interlockers .....	599	1,231	1,830	812	1,127	1,939	3,032	1,271	4,303
51. Telegraph and telephone lines, underground and marine cables .....	19,799	7,736	27,535	28,522	9,138	37,660	34,478	9,642	44,120
<b>Gas and oil facilities .....</b>	<b>26,585</b>	<b>8,415</b>	<b>35,000</b>	<b>21,535</b>	<b>9,150</b>	<b>30,685</b>	<b>37,021</b>	<b>9,511</b>	<b>46,532</b>
52. Gas mains and services .....	3,896	313	4,209	2,365	867	3,232	4,342	866	5,208
53. Pumping stations, oil .....	544	229	773	82	74	156	88	42	130
54. Pumping stations, gas .....	101	—	101	371	69	440	234	78	312
55. Oil storage tanks .....	6,563	510	7,073	4,021	659	4,680	7,100	733	7,833
56. Gas storage tanks .....	392	63	455	13	48	61	10	52	62
57. Oil pipe lines .....	778	100	878	2,895	217	3,112	1,972	198	2,170
58. Gas pipe lines .....	3,308	13	3,321	—	18	18	—	9	9
59. Oil wells .....	291	—	291	25	—	25	107	—	107
60. Gas wells .....	489	—	489	25	—	25	107	—	107
61. Oil refinery—processing units .....	10,223	7,183	17,406	11,738	7,198	18,936	23,061	7,533	30,594
62. Natural gas cleaning plants .....	—	4	4	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>89,215</b>	<b>11,919</b>	<b>101,134</b>	<b>113,138</b>	<b>16,281</b>	<b>129,419</b>	<b>65,021</b>	<b>10,486</b>	<b>75,507</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	33,126	7,505	40,631	78,439	10,112	88,551	51,068	4,524	55,592
64. Tunnels and subways .....	35,971	154	36,125	21,791	320	22,111	3,294	342	3,636
65. Incinerators .....	494	13	507	30	23	53	—	19	19
66. Park systems, landscaping, sodding, etc. ....	2,159	742	2,901	2,833	1,626	4,459	2,302	1,131	3,433
67. Swimming pools, tennis courts, outdoor recreation facilities ....	853	317	1,170	1,150	573	1,723	837	600	1,437
68. Mine shafts and other below surface workings .....	10,179	729	10,908	3,366	639	4,005	3,165	673	3,838
69. Fences, snowsheds, signs, guard rails .....	1,634	1,569	3,203	1,686	1,655	3,341	1,672	1,702	3,374
70. Other engineering construction .....	4,799	890	5,689	3,843	1,333	5,176	2,683	1,495	4,178

TABLE 24. Ontario

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,066,289</b>	<b>440,722</b>	<b>2,507,011</b>	<b>2,238,651</b>	<b>454,089</b>	<b>2,692,740</b>	<b>2,091,829</b>	<b>471,775</b>	<b>2,563,604</b>
<b>Total building construction .....</b>	<b>1,254,016</b>	<b>277,947</b>	<b>1,531,963</b>	<b>1,342,185</b>	<b>289,544</b>	<b>1,631,729</b>	<b>1,362,064</b>	<b>293,248</b>	<b>1,655,312</b>
<b>Residential .....</b>	<b>559,000</b>	<b>149,000</b>	<b>708,000</b>	<b>717,700</b>	<b>161,500</b>	<b>879,200</b>	<b>663,300</b>	<b>163,800</b>	<b>827,100</b>
<b>Industrial .....</b>	<b>247,547</b>	<b>52,545</b>	<b>300,092</b>	<b>120,613</b>	<b>47,873</b>	<b>168,486</b>	<b>106,049</b>	<b>51,694</b>	<b>157,743</b>
2. Factories, plants, workshops, food canneries ....	151,955	41,924	193,879	96,566	37,669	134,235	93,770	40,236	134,006
3. Mine and mine mill buildings .....	90,252	3,655	93,907	18,046	3,756	21,802	5,604	4,102	9,706
4. Railway stations, offices, roadway buildings .....	3,306	4,276	7,582	3,825	4,059	7,884	4,675	4,653	9,328
5. Railway shops, engine houses, water and fuel stations .....	2,034	2,690	4,724	2,176	2,389	4,565	2,000	2,703	4,703
<b>Commercial .....</b>	<b>239,955</b>	<b>36,171</b>	<b>276,126</b>	<b>259,092</b>	<b>36,834</b>	<b>295,926</b>	<b>294,192</b>	<b>35,553</b>	<b>329,747</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	35,327	4,042	39,369	32,998	3,523	36,521	26,357	3,301	29,658
7. Grain elevators .....	303	745	1,048	619	633	1,252	2,814	491	3,305
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	21,156	5,234	26,390	18,072	6,572	24,644	16,893	4,952	21,845
9. Office buildings .....	92,932	13,049	105,981	114,228	13,278	127,506	139,999	13,723	153,722
10. Stores, retail and wholesale .....	59,098	8,373	67,471	62,640	8,174	70,814	72,000	8,646	80,646
11. Garages and service stations .....	19,654	3,356	23,010	17,565	3,306	20,871	25,176	3,445	28,621
12. Theatres, arenas, amusement and recreational buildings .....	10,776	1,113	11,889	12,087	1,066	13,153	10,844	728	11,572
13. Laundries and dry cleaning establishments .....	709	259	968	883	282	1,165	109	269	378
<b>Institutional .....</b>	<b>143,659</b>	<b>15,840</b>	<b>159,499</b>	<b>189,805</b>	<b>16,646</b>	<b>206,451</b>	<b>228,765</b>	<b>15,637</b>	<b>244,402</b>
14. Schools and other educational buildings .....	82,571	7,337	89,908	102,242	7,756	109,998	115,310	7,290	122,600
15. Churches and other religious buildings .....	12,168	2,942	15,110	20,295	2,505	22,800	14,267	1,737	16,004
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	38,472	4,095	42,567	50,929	4,406	55,335	72,783	4,572	77,355
17. Other institutional buildings .....	10,448	1,466	11,914	16,339	1,979	18,318	26,405	2,038	28,443
<b>Other building construction .....</b>	<b>63,855</b>	<b>24,391</b>	<b>88,246</b>	<b>54,975</b>	<b>26,691</b>	<b>81,666</b>	<b>69,758</b>	<b>26,562</b>	<b>96,320</b>
18. Farm buildings (excluding dwellings) .....	25,038	17,880	42,918	29,437	20,477	49,914	30,657	20,356	51,013
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	17,121	312	17,433	9,445	342	9,787	13,743	347	14,090
20. Aeroplane hangars .....	2,510	752	3,262	1,794	794	2,588	3,011	800	3,811
21. Passenger terminals, bus, boat or air .....	-	49	49	4,653	32	4,685	6,803	95	6,898
22. Armouries, barracks, drill halls, etc. ....	4,847	3,559	8,406	1,591	3,660	5,251	2,390	3,669	6,059
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6,134	1,160	7,294	2,593	998	3,591	1,365	918	2,283
24. Other building construction .....	8,205	679	8,884	5,462	388	5,850	11,789	377	12,166
<b>Total engineering construction .....</b>	<b>812,273</b>	<b>162,775</b>	<b>975,048</b>	<b>896,466</b>	<b>164,545</b>	<b>1,061,011</b>	<b>729,765</b>	<b>178,527</b>	<b>908,292</b>
<b>Marine construction .....</b>	<b>40,940</b>	<b>2,958</b>	<b>43,898</b>	<b>56,614</b>	<b>4,444</b>	<b>61,058</b>	<b>27,726</b>	<b>4,389</b>	<b>32,115</b>
25. Docks, wharves, piers, breakwaters .....	7,384	1,386	8,770	9,602	967	10,569	6,625	994	7,619
26. Retaining walls, embankments, riprapping .....	156	185	341	205	131	336	36	146	182
27. Canals and waterways .....	16,862	877	17,739	3,418	867	4,285	1,457	843	2,300
28. Dredging and pile driving .....	8,781	167	8,948	43,198	2,217	45,415	18,867	2,198	21,065
29. Dyke construction .....	14	16	30	3	-	3	-	-	-
30. Logging booms .....	91	208	299	67	238	305	127	187	314
31. Other marine construction .....	7,652	119	7,771	121	24	145	614	21	635



TABLE 24. Ontario - Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>156,873</b>	<b>46,527</b>	<b>203,400</b>	<b>164,856</b>	<b>46,672</b>	<b>211,528</b>	<b>170,667</b>	<b>47,724</b>	<b>218,391</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	120,571	20,146	140,717	128,867	21,963	150,830	131,856	22,911	154,767
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	19,612	18,370	37,982	20,493	18,285	38,778	21,290	18,369	39,659
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,258	4,168	7,426	2,696	3,162	5,858	2,219	3,047	5,266
35. Grading, scraping, oiling, filling .....	2,207	1,709	3,916	2,077	1,278	3,355	1,929	1,334	3,263
36. Sidewalks, paths .....	3,991	1,700	5,691	5,434	1,536	6,970	5,733	1,611	7,344
37. Aerodromes, landing fields, runways, tarmac .....	7,234	434	7,668	5,289	448	5,737	7,640	452	8,092
<b>Waterworks and sewage systems .....</b>	<b>72,578</b>	<b>9,896</b>	<b>82,474</b>	<b>74,364</b>	<b>11,436</b>	<b>85,800</b>	<b>104,990</b>	<b>11,874</b>	<b>116,864</b>
38. Tile drains, drainage ditches, storm sewers .....	3,992	1,943	5,935	4,266	2,762	7,028	3,795	2,712	6,507
39. Water mains, hydrants and services .....	21,889	4,197	26,086	20,409	4,966	25,375	27,481	5,444	32,925
40. Sewage systems and connections .....	38,864	3,034	41,898	45,234	2,983	48,217	67,986	3,084	71,070
41. Pumping stations, water .....	6,025	668	6,693	3,469	691	4,160	4,581	608	5,189
42. Water storage tanks .....	1,808	54	1,862	986	34	1,020	1,147	26	1,173
<b>Dams and irrigation .....</b>	<b>5,060</b>	<b>793</b>	<b>5,853</b>	<b>4,648</b>	<b>954</b>	<b>5,602</b>	<b>4,779</b>	<b>1,103</b>	<b>5,882</b>
43. Dams and reservoirs .....	3,383	193	3,576	2,702	269	2,971	2,868	422	3,290
44. Irrigation and land reclamation projects .....	1,677	600	2,277	1,946	685	2,631	1,911	681	2,592
<b>Electric power construction .....</b>	<b>176,403</b>	<b>21,197</b>	<b>197,600</b>	<b>172,973</b>	<b>21,905</b>	<b>194,878</b>	<b>150,424</b>	<b>23,700</b>	<b>174,124</b>
45. Electric power generating plants, including water conveying and controlling structures .....	112,761	3,966	116,727	89,040	3,919	92,959	77,559	4,663	82,222
46. Electric transformer stations .....	9,352	3,041	12,393	20,946	2,880	23,826	22,240	3,032	25,272
47. Power transmission and distribution lines, trolley wires .....	51,470	12,873	64,343	60,128	13,269	73,397	47,979	14,146	62,125
48. Street lighting .....	2,820	1,317	4,137	2,859	1,837	4,696	2,646	1,859	4,505
<b>Railway, telephone and telegraph .....</b>	<b>74,506</b>	<b>57,415</b>	<b>131,921</b>	<b>82,310</b>	<b>54,631</b>	<b>136,941</b>	<b>95,704</b>	<b>62,464</b>	<b>158,168</b>
49. Railway tracks and roadbed .....	37,402	40,034	77,436	41,883	38,524	80,407	47,399	44,697	92,096
50. Signals and interlockers .....	2,537	2,329	4,866	1,820	1,908	3,728	2,053	2,167	4,220
51. Telegraph and telephone lines, underground and marine cables	34,567	15,052	49,619	38,607	14,199	52,806	46,252	15,600	61,852
<b>Gas and oil facilities .....</b>	<b>196,425</b>	<b>11,971</b>	<b>208,396</b>	<b>252,715</b>	<b>11,430</b>	<b>264,145</b>	<b>69,531</b>	<b>13,497</b>	<b>83,028</b>
52. Gas mains and services .....	21,661	1,581	23,242	32,745	580	33,325	12,462	639	13,101
53. Pumping stations, oil .....	1,232	173	1,405	451	138	589	52	144	196
54. Pumping stations, gas .....	26	11	37	6,466	5	6,471	19,119	2	19,121
55. Oil storage tanks .....	6,152	1,478	7,630	3,070	1,669	4,739	4,054	1,946	6,000
56. Gas storage tanks .....	-	1	1	16	1	17	266	-	266
57. Oil pipe lines .....	12,399	588	12,987	1,472	201	1,673	196	226	422
58. Gas pipe lines .....	103,643	350	103,993	159,124	1,233	160,357	18,921	1,352	20,273
59. Oil wells .....	361	3	364	698	31	729	828	34	862
60. Gas wells .....	1,349	117	1,466	639	62	701	768	63	831
61. Oil refinery - processing units .....	49,525	7,629	57,154	48,023	7,510	55,533	12,865	9,091	21,956
62. Natural gas cleaning plants .....	77	40	117	11	-	11	-	-	-
<b>Other engineering construction .....</b>	<b>89,488</b>	<b>12,018</b>	<b>101,506</b>	<b>87,986</b>	<b>13,073</b>	<b>101,059</b>	<b>105,944</b>	<b>13,776</b>	<b>119,720</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	46,292	5,481	51,773	50,150	5,652	55,802	55,764	6,197	61,961
64. Tunnels and subways .....	2,064	104	2,168	5,198	201	5,399	16,959	203	17,162
65. Incinerators .....	28	40	68	18	1,214	1,232	161	1,206	1,367
66. Park systems, landscaping, sodding, etc. ....	762	1,302	2,064	4,698	1,236	5,934	6,562	1,207	7,769
67. Swimming pools, tennis courts, outdoor recreation facilities ....	39	190	229	532	222	754	243	227	470
68. Mine shafts and other below surface workings .....	31,984	311	32,295	19,527	533	20,060	13,201	559	13,760
69. Fences, snowsheds, signs, guard rails .....	2,356	3,046	5,402	2,380	2,985	5,365	2,208	3,107	5,315
70. Other engineering construction .....	5,963	1,544	7,507	5,483	1,030	6,513	10,846	1,070	11,916



TABLE 25. Manitoba

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>258, 107</b>	<b>69, 199</b>	<b>327, 306</b>	<b>273, 789</b>	<b>69, 693</b>	<b>343, 482</b>	<b>318, 565</b>	<b>73, 987</b>	<b>392, 552</b>
<b>Total building construction .....</b>	<b>131, 636</b>	<b>35, 056</b>	<b>166, 692</b>	<b>160, 269</b>	<b>36, 838</b>	<b>197, 107</b>	<b>175, 611</b>	<b>37, 382</b>	<b>212, 993</b>
<b>Residential .....</b>	<b>51, 000</b>	<b>14, 000</b>	<b>65, 000</b>	<b>71, 500</b>	<b>15, 700</b>	<b>87, 200</b>	<b>66, 000</b>	<b>15, 800</b>	<b>81, 800</b>
<b>Industrial .....</b>	<b>20, 909</b>	<b>6, 159</b>	<b>27, 068</b>	<b>37, 434</b>	<b>5, 761</b>	<b>43, 195</b>	<b>42, 916</b>	<b>6, 117</b>	<b>49, 033</b>
2. Factories, plants, workshops, food canneries .....	15, 095	3, 177	18, 272	24, 261	3, 012	27, 273	28, 924	3, 017	31, 941
3. Mine and mine mill buildings .....	4, 416	115	4, 531	11, 284	100	11, 384	10, 411	94	10, 505
4. Railway stations, offices, roadway buildings .....	751	1, 446	2, 197	1, 268	1, 464	2, 732	1, 619	1, 679	3, 298
5. Railway shops, engine houses, water and fuel stations .....	647	1, 421	2, 068	621	1, 185	1, 806	1, 962	1, 327	3, 289
<b>Commercial .....</b>	<b>27, 092</b>	<b>5, 502</b>	<b>32, 594</b>	<b>25, 579</b>	<b>5, 453</b>	<b>31, 032</b>	<b>28, 372</b>	<b>5, 256</b>	<b>33, 628</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 272	920	3, 192	3, 014	690	3, 704	8, 461	679	9, 140
7. Grain elevators .....	941	764	1, 705	906	653	1, 559	925	569	1, 494
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2, 912	775	3, 687	1, 092	809	1, 901	1, 463	659	2, 122
9. Office buildings .....	12, 518	1, 127	13, 645	9, 118	1, 494	10, 612	6, 073	1, 581	7, 654
10. Stores, retail and wholesale .....	5, 278	1, 348	6, 626	9, 821	1, 345	11, 166	9, 189	1, 272	10, 461
11. Garages and service stations .....	1, 630	391	2, 021	826	239	1, 065	1, 789	291	2, 080
12. Theatres, arenas, amusement and recreational buildings .....	1, 512	113	1, 625	793	117	910	452	133	585
13. Laundries and dry cleaning establishments .....	29	64	93	9	106	115	20	72	92
<b>Institutional .....</b>	<b>21, 589</b>	<b>3, 305</b>	<b>24, 894</b>	<b>16, 281</b>	<b>3, 515</b>	<b>19, 796</b>	<b>26, 371</b>	<b>3, 705</b>	<b>30, 076</b>
14. Schools and other educational buildings .....	11, 009	2, 157	13, 166	11, 565	2, 415	13, 980	15, 319	2, 677	17, 996
15. Churches and other religious buildings .....	2, 642	220	2, 862	1, 689	139	1, 828	1, 387	147	1, 534
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6, 965	641	7, 606	2, 307	835	3, 142	8, 925	764	9, 689
17. Other institutional buildings .....	973	287	1, 260	720	126	846	740	117	857
<b>Other building construction .....</b>	<b>11, 046</b>	<b>6, 090</b>	<b>17, 136</b>	<b>9, 475</b>	<b>6, 409</b>	<b>15, 884</b>	<b>11, 952</b>	<b>6, 504</b>	<b>18, 456</b>
18. Farm buildings (excluding dwellings) .....	6, 144	4, 394	10, 538	6, 637	4, 725	11, 362	6, 522	4, 756	11, 278
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 765	154	1, 919	1, 655	169	1, 824	1, 075	185	1, 260
20. Aeroplane hangars .....	297	242	539	27	226	253	16	222	238
21. Passenger terminals, bus, boat or air .....	—	58	58	372	56	428	3, 006	60	3, 066
22. Armouries, barracks, drill halls, etc. ....	1, 072	1, 133	2, 205	286	1, 106	1, 392	10	1, 115	1, 125
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	167	88	255	92	60	152	244	57	301
24. Other building construction .....	1, 601	21	1, 622	406	67	473	1, 079	109	1, 188
<b>Total engineering construction .....</b>	<b>126, 471</b>	<b>34, 143</b>	<b>160, 614</b>	<b>113, 520</b>	<b>32, 855</b>	<b>146, 375</b>	<b>142, 954</b>	<b>36, 605</b>	<b>179, 559</b>
<b>Marine construction .....</b>	<b>470</b>	<b>205</b>	<b>675</b>	<b>487</b>	<b>251</b>	<b>738</b>	<b>487</b>	<b>251</b>	<b>738</b>
25. Docks, wharves, piers, breakwaters .....	437	173	610	419	192	611	474	197	671
26. Retaining walls, embankments, riprapping .....	14	5	19	61	4	65	—	4	4
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	5	5	10	—	27	27	—	28	28
29. Dyke construction .....	—	—	—	—	—	—	4	—	4
30. Logging booms .....	10	10	20	7	7	14	9	7	16
31. Other marine construction .....	4	12	16	—	21	21	—	15	15

TABLE 25. Manitoba — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>29,836</b>	<b>7,978</b>	<b>37,814</b>	<b>34,348</b>	<b>6,935</b>	<b>41,283</b>	<b>49,525</b>	<b>7,843</b>	<b>57,368</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	12,764	2,273	15,037	15,042	1,489	16,531	18,406	2,448	20,854
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,766	3,227	9,993	4,187	3,405	7,592	4,811	2,989	7,800
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,648	1,103	2,751	12,084	1,695	13,779	22,139	1,790	23,929
35. Grading, scraping, oiling, filling .....	7,992	1,161	9,153	294	100	394	413	373	786
36. Sidewalks, paths .....	433	143	576	558	177	735	583	173	756
37. Aerodromes, landing fields, runways, tarmac .....	233	71	304	2,183	69	2,252	3,173	70	3,243
<b>Waterworks and sewage systems .....</b>	<b>6,681</b>	<b>1,330</b>	<b>8,011</b>	<b>7,924</b>	<b>1,396</b>	<b>9,320</b>	<b>10,363</b>	<b>1,387</b>	<b>11,750</b>
38. Tile drains, drainage ditches, storm sewers .....	929	112	1,041	368	314	682	412	210	622
39. Water mains, hydrants and services .....	2,805	993	3,798	2,756	741	3,497	6,063	769	6,832
40. Sewage systems and connections .....	2,916	200	3,116	3,950	310	4,260	3,026	383	3,409
41. Pumping stations, water .....	26	25	51	797	31	828	829	15	844
42. Water storage tanks .....	5	—	5	53	—	53	33	10	43
<b>Dams and irrigation .....</b>	<b>664</b>	<b>238</b>	<b>902</b>	<b>3,851</b>	<b>546</b>	<b>4,397</b>	<b>5,563</b>	<b>506</b>	<b>6,169</b>
43. Dams and reservoirs .....	134	91	225	86	105	191	1,781	105	1,886
44. Irrigation and land reclamation projects .....	530	147	677	3,765	441	4,206	3,782	501	4,283
<b>Electric power construction .....</b>	<b>13,514</b>	<b>1,407</b>	<b>14,921</b>	<b>24,372</b>	<b>1,165</b>	<b>25,537</b>	<b>22,955</b>	<b>1,312</b>	<b>24,267</b>
45. Electric power generating plants, including water conveying and controlling structures .....	9,032	507	9,539	16,209	419	16,628	14,290	480	14,770
46. Electric transformer stations .....	1,021	99	1,120	1,725	144	1,869	2,236	147	2,383
47. Power transmission and distribution lines, trolley wires .....	3,265	733	3,998	5,611	562	6,173	5,583	643	6,226
48. Street lighting .....	196	68	264	827	40	867	846	42	888
<b>Railway, telephone and telegraph .....</b>	<b>19,843</b>	<b>16,794</b>	<b>36,637</b>	<b>19,559</b>	<b>16,730</b>	<b>36,289</b>	<b>23,731</b>	<b>19,032</b>	<b>42,763</b>
49. Railway tracks and roadbed .....	12,634	13,502	26,136	13,758	13,143	26,901	16,971	15,068	32,039
50. Signals and interlockers .....	277	428	705	617	650	1,267	918	736	1,654
51. Telegraph and telephone lines, underground and marine cables	6,932	2,864	9,796	5,184	2,937	8,121	5,842	3,228	9,070
<b>Gas and oil facilities .....</b>	<b>45,177</b>	<b>1,133</b>	<b>46,310</b>	<b>12,287</b>	<b>1,120</b>	<b>13,407</b>	<b>11,899</b>	<b>1,421</b>	<b>13,320</b>
52. Gas mains and services .....	3,242	—	3,242	2,000	1	2,001	4,448	2	4,450
53. Pumping stations, oil .....	539	256	795	1,006	193	1,199	41	197	238
54. Pumping stations, gas .....	23	5	28	3,500	—	3,506	—	—	—
55. Oil storage tanks .....	606	43	649	817	114	931	707	99	806
56. Gas storage tanks .....	58	7	65	—	—	—	143	—	143
57. Oil pipe lines .....	2,281	117	2,398	743	100	843	600	80	680
58. Gas pipe lines .....	31,405	—	31,405	107	—	107	244	—	244
59. Oil wells .....	3,308	325	3,633	1,300	410	1,710	1,805	436	2,241
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—processing units .....	3,715	380	4,095	2,814	302	3,116	3,911	607	4,518
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>10,286</b>	<b>5,058</b>	<b>15,344</b>	<b>10,692</b>	<b>4,712</b>	<b>15,404</b>	<b>18,431</b>	<b>4,753</b>	<b>23,184</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,918	2,006	6,924	5,301	1,763	7,064	9,363	1,802	11,165
64. Tunnels and subways .....	—	—	—	29	—	29	122	—	122
65. Incinerators .....	—	15	15	151	15	166	500	15	515
66. Park systems, landscaping, sodding, etc. ....	230	134	364	64	130	194	14	128	142
67. Swimming pools, tennis courts, outdoor recreation facilities ....	262	7	269	116	7	123	417	72	489
68. Mine shafts and other below surface workings .....	3,260	649	3,909	3,843	542	4,385	2,298	499	2,797
69. Fences, snowsheds, signs, guard rails .....	804	807	1,611	543	704	1,247	589	742	1,331
70. Other engineering construction .....	812	1,440	2,252	645	1,551	2,196	5,128	1,495	6,623



TABLE 26. Saskatchewan

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>278,426</b>	<b>75,134</b>	<b>353,560</b>	<b>300,891</b>	<b>75,155</b>	<b>376,046</b>	<b>288,193</b>	<b>79,278</b>	<b>367,471</b>
<b>Total building construction .....</b>	<b>123,295</b>	<b>39,408</b>	<b>162,703</b>	<b>145,492</b>	<b>38,580</b>	<b>184,072</b>	<b>136,727</b>	<b>38,883</b>	<b>175,610</b>
<b>Residential .....</b>	<b>53,000</b>	<b>14,000</b>	<b>67,000</b>	<b>63,700</b>	<b>13,900</b>	<b>77,600</b>	<b>55,700</b>	<b>13,200</b>	<b>68,900</b>
<b>Industrial .....</b>	<b>13,718</b>	<b>4,237</b>	<b>17,955</b>	<b>16,580</b>	<b>3,489</b>	<b>20,069</b>	<b>9,092</b>	<b>3,804</b>	<b>12,896</b>
2. Factories, plants, workshops, food canneries .....	6,809	2,121	8,930	10,770	1,469	12,239	4,124	1,435	5,559
3. Mine and mine mill buildings .....	5,642	183	5,825	4,128	189	4,317	3,070	219	3,289
4. Railway stations, offices, roadway buildings .....	797	1,280	2,077	1,126	1,297	2,423	1,366	1,500	2,866
5. Railway shops, engine houses, water and fuel stations .....	470	653	1,123	556	534	1,090	532	650	1,182
<b>Commercial .....</b>	<b>18,927</b>	<b>6,184</b>	<b>25,111</b>	<b>25,074</b>	<b>6,017</b>	<b>31,091</b>	<b>24,508</b>	<b>5,847</b>	<b>30,355</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,183	739	2,922	2,880	548	3,428	2,013	499	2,512
7. Grain elevators .....	3,643	2,548	6,191	3,737	2,277	6,014	3,833	1,993	5,826
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	429	578	1,007	474	494	968	2,132	563	2,695
9. Office buildings .....	4,519	1,022	5,541	7,582	1,401	8,983	7,666	1,411	9,077
10. Stores, retail and wholesale .....	5,446	913	6,359	7,780	927	8,707	6,856	996	7,852
11. Garages and service stations .....	2,307	229	2,536	1,493	204	1,697	1,789	222	2,011
12. Theatres, arenas, amusement and recreational buildings .....	400	129	529	1,065	95	1,160	177	117	294
13. Laundries and dry cleaning establishments .....	—	26	26	63	71	134	42	46	88
<b>Institutional .....</b>	<b>19,363</b>	<b>3,803</b>	<b>23,166</b>	<b>22,842</b>	<b>3,760</b>	<b>26,602</b>	<b>27,612</b>	<b>4,436</b>	<b>32,048</b>
14. Schools and other educational buildings .....	10,999	1,792	12,791	12,124	2,353	14,477	14,049	3,062	17,111
15. Churches and other religious buildings .....	1,009	187	1,196	1,734	296	2,030	2,158	221	2,379
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,544	1,538	7,082	7,184	890	8,074	10,551	917	11,468
17. Other institutional buildings .....	1,811	286	2,097	1,800	221	2,021	854	236	1,090
<b>Other building construction .....</b>	<b>18,287</b>	<b>11,184</b>	<b>29,471</b>	<b>17,296</b>	<b>11,414</b>	<b>28,710</b>	<b>19,815</b>	<b>11,596</b>	<b>31,411</b>
18. Farm buildings (excluding dwellings) .....	14,781	10,522	25,303	14,583	10,724	25,307	14,995	10,882	25,877
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,655	83	1,738	1,613	77	1,690	2,627	84	2,711
20. Aeroplane hangars .....	15	100	115	50	95	145	50	98	148
21. Passenger terminals, bus, boat or air .....	4	—	4	613	15	628	1,143	18	1,161
22. Armouries, barracks, drill halls, etc. ....	210	301	511	—	294	294	417	296	713
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	398	107	505	161	63	224	98	57	155
24. Other building construction .....	1,224	71	1,295	276	146	422	485	161	646
<b>Total engineering construction .....</b>	<b>155,131</b>	<b>35,726</b>	<b>190,857</b>	<b>155,399</b>	<b>36,575</b>	<b>191,974</b>	<b>151,466</b>	<b>40,395</b>	<b>191,861</b>
<b>Marine construction .....</b>	<b>117</b>	<b>43</b>	<b>160</b>	<b>72</b>	<b>95</b>	<b>167</b>	<b>75</b>	<b>98</b>	<b>173</b>
25. Docks, wharves, piers, breakwaters .....	109	27	136	65	81	146	68	91	159
26. Retaining walls, embankments, riprapping .....	—	—	—	1	—	1	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	8	9	17	6	7	13	7	6	13
31. Other marine construction .....	—	7	7	—	7	7	—	1	1



TABLE 26. Saskatchewan — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>26,374</b>	<b>10,069</b>	<b>36,443</b>	<b>35,102</b>	<b>11,333</b>	<b>46,435</b>	<b>36,395</b>	<b>11,905</b>	<b>48,300</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	10,900	1,982	12,882	10,393	2,775	13,168	11,463	3,157	14,620
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	10,624	5,370	15,994	16,420	6,315	22,735	17,146	6,618	23,764
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,356	2,516	5,872	5,161	1,980	7,141	5,393	1,868	7,261
35. Grading, scraping, oiling, filling .....	93	25	118	8	16	24	17	19	36
36. Sidewalks, paths .....	1,204	137	1,341	2,121	186	2,307	1,582	187	1,769
37. Aerodromes, landing fields, runways, tarmac .....	197	39	236	999	61	1,060	794	56	850
<b>Waterworks and sewage systems .....</b>	<b>11,526</b>	<b>1,470</b>	<b>12,996</b>	<b>9,426</b>	<b>1,247</b>	<b>10,673</b>	<b>8,873</b>	<b>1,298</b>	<b>10,171</b>
38. Tile drains, drainage ditches, storm sewers .....	68	93	161	386	104	490	1,102	96	1,198
39. Water mains, hydrants and services .....	2,688	757	3,445	2,153	648	2,801	2,172	684	2,856
40. Sewage systems and connections .....	8,252	499	8,751	5,405	457	5,862	4,870	498	5,368
41. Pumping stations, water .....	518	85	603	648	36	684	525	19	544
42. Water storage tanks .....	—	36	36	834	2	836	204	1	205
<b>Dams and irrigation .....</b>	<b>2,128</b>	<b>814</b>	<b>2,942</b>	<b>6,656</b>	<b>890</b>	<b>7,546</b>	<b>13,854</b>	<b>1,014</b>	<b>14,868</b>
43. Dams and reservoirs .....	718	307	1,025	69	300	369	88	427	515
44. Irrigation and land reclamation projects .....	1,410	507	1,917	6,587	590	7,177	13,766	587	14,353
<b>Electric power construction .....</b>	<b>16,703</b>	<b>1,455</b>	<b>18,158</b>	<b>13,071</b>	<b>1,484</b>	<b>14,555</b>	<b>21,513</b>	<b>1,915</b>	<b>23,428</b>
45. Electric power generating plants, including water conveying and controlling structures .....	261	109	370	1,274	96	1,370	1,214	110	1,324
46. Electric transformer stations .....	95	23	118	62	30	92	231	36	267
47. Power transmission and distribution lines, trolley wires .....	16,101	1,131	17,232	11,461	1,000	12,461	19,821	1,390	21,211
48. Street lighting .....	246	192	438	274	358	632	247	379	626
<b>Railway, telephone and telegraph .....</b>	<b>14,820</b>	<b>13,784</b>	<b>28,604</b>	<b>17,318</b>	<b>14,533</b>	<b>31,851</b>	<b>18,787</b>	<b>16,789</b>	<b>35,576</b>
49. Railway tracks and roadbed .....	9,817	11,952	21,769	11,724	11,888	23,612	13,696	13,774	27,470
50. Signals and interlockers .....	263	342	605	505	591	1,096	646	672	1,318
51. Telegraph and telephone lines, underground and marine cables	4,740	1,490	6,230	5,089	2,054	7,143	4,445	2,343	6,788
<b>Gas and oil facilities .....</b>	<b>75,761</b>	<b>4,350</b>	<b>80,111</b>	<b>62,712</b>	<b>3,023</b>	<b>65,735</b>	<b>40,189</b>	<b>3,094</b>	<b>43,283</b>
52. Gas mains and services .....	7,518	150	7,668	1,275	29	1,304	5,726	112	5,838
53. Pumping stations, oil .....	516	255	771	2,312	414	2,726	127	406	533
54. Pumping stations, gas .....	39	—	39	11,530	8	11,538	—	11	11
55. Oil storage tanks .....	1,324	298	1,622	1,699	209	1,908	1,594	244	1,838
56. Gas storage tanks .....	73	—	73	545	—	545	29	—	29
57. Oil pipe lines .....	6,407	182	6,589	5,287	144	5,431	280	141	421
58. Gas pipe lines .....	13,825	64	13,889	15,600	420	16,020	10,854	385	11,239
59. Oil wells .....	44,929	1,372	46,301	20,141	1,040	21,181	19,666	1,079	20,745
60. Gas wells .....	706	33	739	353	33	386	328	9	337
61. Oil refinery — processing units .....	424	1,996	2,420	3,970	726	4,696	1,585	707	2,292
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>7,702</b>	<b>3,741</b>	<b>11,443</b>	<b>11,042</b>	<b>3,970</b>	<b>15,012</b>	<b>11,780</b>	<b>4,282</b>	<b>16,062</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,123	914	3,037	2,525	1,222	3,747	4,852	1,376	6,228
64. Tunnels and subways .....	—	111	111	473	23	496	527	4	531
65. Incinerators .....	11	3	14	195	73	268	195	76	271
66. Park systems, landscaping, sodding, etc. ....	80	22	102	319	26	345	207	63	270
67. Swimming pools, tennis courts, outdoor recreation facilities ....	10	3	13	18	6	24	—	6	6
68. Mine shafts and other below surface workings .....	3,687	487	4,174	5,966	461	6,427	3,467	535	4,002
69. Fences, snowsheds, signs, guard rails .....	1,461	1,939	3,400	910	1,818	2,728	892	1,871	2,763
70. Other engineering construction .....	330	262	592	636	341	977	1,640	351	1,991

TABLE 27. Alberta

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>585,451</b>	<b>121,554</b>	<b>707,005</b>	<b>679,683</b>	<b>124,009</b>	<b>803,692</b>	<b>667,538</b>	<b>132,030</b>	<b>799,568</b>
<b>Total building construction</b> .....	<b>268,390</b>	<b>63,190</b>	<b>331,580</b>	<b>314,776</b>	<b>67,476</b>	<b>382,252</b>	<b>310,062</b>	<b>71,976</b>	<b>382,038</b>
<b>Residential</b> .....	<b>122,000</b>	<b>32,000</b>	<b>154,000</b>	<b>179,600</b>	<b>38,600</b>	<b>218,200</b>	<b>173,800</b>	<b>42,600</b>	<b>216,400</b>
<b>Industrial</b> .....	<b>18,008</b>	<b>5,190</b>	<b>23,198</b>	<b>11,221</b>	<b>4,627</b>	<b>15,848</b>	<b>8,894</b>	<b>4,952</b>	<b>13,846</b>
2. Factories, plants, workshops, food canneries.....	15,599	2,898	18,497	9,311	2,638	11,949	6,900	2,687	9,587
3. Mine and mine mill buildings .....	336	228	564	20	82	102	132	67	199
4. Railway stations, offices, roadway buildings .....	1,191	1,219	2,410	938	1,185	2,123	1,129	1,369	2,498
5. Railway shops, engine houses, water and fuel stations .....	882	845	1,727	952	722	1,674	733	829	1,562
<b>Commercial</b> .....	<b>50,544</b>	<b>10,553</b>	<b>61,097</b>	<b>48,928</b>	<b>9,171</b>	<b>58,099</b>	<b>53,765</b>	<b>8,718</b>	<b>62,483</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9,539	1,073	10,612	4,153	855	5,008	5,403	906	6,309
7. Grain elevators.....	2,135	1,472	3,607	1,668	1,320	2,988	399	1,183	1,582
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,952	1,301	5,253	2,946	1,889	4,835	2,594	1,432	4,026
9. Office buildings .....	14,638	4,080	18,718	20,265	2,721	22,986	21,932	2,908	24,840
10. Stores, retail and wholesale.....	12,037	1,760	13,797	14,716	1,538	16,254	16,673	1,514	18,187
11. Garages and service stations.....	4,693	577	5,270	3,414	470	3,884	4,305	573	4,878
12. Theatres, arenas, amusement and recreational buildings .....	3,330	202	3,532	1,141	313	1,454	2,412	157	2,569
13. Laundries and dry cleaning establishments.....	220	88	308	625	65	690	47	45	92
<b>Institutional</b> .....	<b>51,862</b>	<b>4,179</b>	<b>56,041</b>	<b>52,364</b>	<b>3,493</b>	<b>55,857</b>	<b>51,101</b>	<b>4,049</b>	<b>55,150</b>
14. Schools and other educational buildings .....	38,834	2,281	41,115	35,904	2,210	38,114	35,302	2,482	37,784
15. Churches and other religious buildings .....	1,720	208	1,928	1,674	169	1,843	1,828	157	1,985
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,758	1,176	8,934	10,237	597	10,834	8,029	592	8,621
17. Other institutional buildings .....	3,550	514	4,064	4,549	517	5,066	5,942	818	6,760
<b>Other building construction</b> .....	<b>25,976</b>	<b>11,268</b>	<b>37,244</b>	<b>22,663</b>	<b>11,585</b>	<b>34,248</b>	<b>22,502</b>	<b>11,657</b>	<b>34,159</b>
18. Farm buildings (excluding dwellings).....	13,438	9,676	23,114	14,023	10,151	24,174	14,173	10,133	24,306
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,087	190	8,277	3,581	191	3,772	3,274	242	3,516
20. Aeroplane hangars .....	100	216	316	114	206	320	40	218	258
21. Passenger terminals, bus, boat or air.....	56	72	128	2,821	20	2,841	1,479	21	1,500
22. Armouries, barracks, drill halls, etc. ....	1,388	832	2,220	284	798	1,082	1,043	806	1,849
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,349	205	2,554	1,019	187	1,206	1,120	198	1,318
24. Other building construction .....	558	77	635	821	32	853	1,373	39	1,412
<b>Total engineering construction</b> .....	<b>317,061</b>	<b>58,364</b>	<b>375,425</b>	<b>364,907</b>	<b>56,533</b>	<b>421,440</b>	<b>357,476</b>	<b>60,054</b>	<b>417,530</b>
<b>Marine construction</b> .....	<b>239</b>	<b>84</b>	<b>323</b>	<b>182</b>	<b>129</b>	<b>311</b>	<b>149</b>	<b>134</b>	<b>283</b>
25. Docks, wharves, piers, breakwaters .....	125	54	179	148	107	255	136	113	249
26. Retaining walls, embankments, riprapping.....	47	—	47	23	—	23	—	—	—
27. Canals and waterways .....	—	4	4	—	—	—	—	—	—
28. Dredging and pile driving .....	3	8	11	—	8	8	—	8	8
29. Dyke construction .....	—	1	1	—	1	1	—	1	1
30. Logging booms .....	14	17	31	11	13	24	13	12	25
31. Other marine construction.....	50	—	50	—	—	—	—	—	—



TABLE 27. Alberta — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>71,901</b>	<b>20,466</b>	<b>92,367</b>	<b>66,958</b>	<b>20,217</b>	<b>87,175</b>	<b>71,295</b>	<b>20,246</b>	<b>91,541</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	30,332	6,320	36,652	32,689	3,961	36,650	40,328	3,828	44,156
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	19,655	8,988	28,643	19,066	12,936	32,002	16,721	12,976	29,697
34. Dirt, clay or other streets, roads, parking lots, etc. ....	5,091	4,644	9,735	3,328	2,152	5,480	3,613	2,449	6,062
35. Grading, scraping, oiling, filling.....	9,871	44	9,915	3,934	688	4,622	4,402	584	4,986
36. Sidewalks, paths .....	3,601	265	3,866	3,275	285	3,560	2,892	202	3,094
37. Aerodromes, landing fields, runways, tarmac .....	3,351	205	3,556	4,666	195	4,861	3,339	207	3,546
<b>Waterworks and sewage systems .....</b>	<b>18,819</b>	<b>2,336</b>	<b>21,155</b>	<b>17,673</b>	<b>2,566</b>	<b>20,239</b>	<b>16,308</b>	<b>2,480</b>	<b>18,788</b>
38. Tile drains, drainage ditches, storm sewers .....	174	75	249	359	77	436	442	73	515
39. Water mains, hydrants and services .....	5,424	1,484	6,908	5,285	1,218	6,503	5,014	1,487	6,501
40. Sewage systems and connections .....	12,569	706	13,275	11,469	1,134	12,603	10,761	770	11,531
41. Pumping stations, water .....	579	61	640	187	135	322	22	147	169
42. Water storage tanks .....	73	10	83	373	2	375	69	3	72
<b>Dams and irrigation .....</b>	<b>7,153</b>	<b>960</b>	<b>8,113</b>	<b>6,468</b>	<b>954</b>	<b>7,422</b>	<b>6,136</b>	<b>847</b>	<b>6,983</b>
43. Dams and reservoirs .....	889	242	1,131	74	231	305	978	122	1,100
44. Irrigation and land reclamation projects.....	6,264	718	6,982	6,394	723	7,117	5,158	725	5,883
<b>Electric power construction .....</b>	<b>17,002</b>	<b>2,719</b>	<b>19,721</b>	<b>16,013</b>	<b>2,564</b>	<b>18,577</b>	<b>15,130</b>	<b>2,931</b>	<b>18,061</b>
45. Electric power generating plants, including water conveying and controlling structures .....	4,094	261	4,355	3,741	209	3,950	2,363	327	2,690
46. Electric transformer stations .....	1,102	133	1,235	1,875	161	2,036	2,326	192	2,518
47. Power transmission and distribution lines, trolley wires .....	9,992	2,090	12,082	7,980	1,982	9,962	7,815	2,177	9,992
48. Street lighting .....	1,814	235	2,049	2,417	212	2,629	2,626	235	2,861
<b>Railway, telephone and telegraph .....</b>	<b>20,416</b>	<b>14,711</b>	<b>35,127</b>	<b>19,567</b>	<b>14,400</b>	<b>33,967</b>	<b>22,244</b>	<b>16,923</b>	<b>39,167</b>
49. Railway tracks and roadbed .....	10,974	12,391	23,365	11,781	11,904	23,685	14,554	14,048	28,602
50. Signals and interlockers .....	1,241	414	1,655	411	533	944	562	599	1,161
51. Telegraph and telephone lines, underground and marine cables .....	8,201	1,906	10,107	7,375	1,963	9,338	7,128	2,276	9,404
<b>Gas and oil facilities.....</b>	<b>168,420</b>	<b>10,908</b>	<b>179,328</b>	<b>223,964</b>	<b>9,570</b>	<b>233,534</b>	<b>203,359</b>	<b>10,164</b>	<b>213,523</b>
52. Gas mains and services.....	2,155	355	2,510	4,202	631	4,833	7,007	663	7,670
53. Pumping stations, oil .....	5,320	643	5,963	1,831	587	2,418	586	488	1,074
54. Pumping stations, gas.....	—	10	10	71	10	81	57	12	69
55. Oil storage tanks .....	3,751	402	4,153	2,881	231	3,112	3,602	256	3,858
56. Gas storage tanks .....	—	32	32	493	9	502	1	9	10
57. Oil pipe lines .....	15,774	342	16,116	12,442	355	12,797	2,325	465	2,790
58. Gas pipe lines .....	13,923	601	14,524	32,540	240	32,780	13,639	332	13,971
59. Oil wells .....	98,334	4,119	102,453	114,110	3,474	117,584	124,951	3,712	128,663
60. Gas wells .....	15,633	325	15,958	17,617	221	17,838	20,472	280	20,752
61. Oil refinery — processing units.....	6,185	3,518	9,703	11,382	3,179	14,561	8,113	3,125	11,238
62. Natural gas cleaning plants .....	7,345	561	7,906	26,395	633	27,028	22,606	822	23,428
<b>Other engineering construction.....</b>	<b>13,111</b>	<b>6,180</b>	<b>19,291</b>	<b>14,082</b>	<b>6,133</b>	<b>20,215</b>	<b>22,855</b>	<b>6,329</b>	<b>29,184</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,572	4,193	14,765	9,560	4,254	13,814	11,043	4,390	15,433
64. Tunnels and subways .....	70	5	75	317	6	323	65	10	75
65. Incinerators.....	147	6	153	45	26	71	25	6	31
66. Park systems, landscaping, sodding, etc. ....	126	109	235	770	203	973	311	169	480
67. Swimming pools, tennis courts, outdoor recreation facilities ....	85	51	136	154	50	204	—	50	50
68. Mine shafts and other below surface workings .....	—	45	45	181	46	227	214	34	248
69. Fences, snowsheds, signs, guard rails .....	1,241	1,142	2,383	890	1,061	1,951	939	1,103	2,042
70. Other engineering construction .....	870	629	1,499	2,165	487	2,652	10,258	567	10,825



TABLE 28. British Columbia

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>907, 553</b>	<b>142, 747</b>	<b>1, 050, 300</b>	<b>688, 209</b>	<b>141, 541</b>	<b>829, 750</b>	<b>677, 147</b>	<b>152, 594</b>	<b>829, 741</b>
<b>Total building construction .....</b>	<b>392, 074</b>	<b>76, 790</b>	<b>468, 864</b>	<b>342, 969</b>	<b>77, 083</b>	<b>420, 052</b>	<b>362, 066</b>	<b>83, 444</b>	<b>445, 510</b>
<b>Residential .....</b>	<b>174, 000</b>	<b>45, 000</b>	<b>219, 000</b>	<b>210, 900</b>	<b>46, 000</b>	<b>256, 900</b>	<b>214, 300</b>	<b>52, 900</b>	<b>267, 200</b>
<b>Industrial .....</b>	<b>71, 108</b>	<b>9, 515</b>	<b>80, 623</b>	<b>21, 686</b>	<b>9, 246</b>	<b>30, 932</b>	<b>23, 570</b>	<b>8, 899</b>	<b>32, 469</b>
2. Factories, plants, workshops, food canneries .....	64, 341	7, 471	71, 812	19, 327	6, 613	25, 940	19, 897	6, 425	26, 322
3. Mine and mine mill buildings .....	4, 362	354	4, 716	418	856	1, 274	1, 626	481	2, 107
4. Railway stations, offices, roadway buildings .....	1, 583	1, 113	2, 696	1, 327	1, 309	2, 636	1, 445	1, 435	2, 880
5. Railway shops, engine houses, water and fuel stations .....	822	577	1, 399	614	468	1, 082	602	558	1, 160
<b>Commercial .....</b>	<b>57, 839</b>	<b>9, 033</b>	<b>66, 872</b>	<b>47, 107</b>	<b>9, 643</b>	<b>56, 750</b>	<b>44, 829</b>	<b>9, 834</b>	<b>54, 663</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9, 511	1, 329	10, 840	7, 262	1, 421	8, 683	7, 499	1, 345	8, 844
7. Grain elevators .....	52	152	204	176	104	280	75	97	172
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8, 005	1, 514	9, 519	2, 093	1, 494	3, 587	2, 502	1, 568	4, 070
9. Office buildings .....	16, 428	2, 328	18, 756	16, 476	3, 036	19, 512	12, 086	3, 377	15, 463
10. Stores, retail and wholesale .....	15, 772	2, 328	18, 100	13, 860	2, 086	15, 946	14, 807	2, 089	16, 896
11. Garages and service stations .....	6, 057	924	6, 981	4, 846	884	5, 730	6, 585	862	7, 447
12. Theatres, arenas, amusement and recreational buildings .....	1, 855	316	2, 171	2, 008	501	2, 509	1, 218	339	1, 557
13. Laundries and dry cleaning establishments .....	159	142	301	386	117	503	57	157	214
<b>Institutional .....</b>	<b>68, 712</b>	<b>5, 950</b>	<b>74, 662</b>	<b>46, 822</b>	<b>5, 478</b>	<b>52, 300</b>	<b>50, 314</b>	<b>5, 187</b>	<b>55, 501</b>
14. Schools and other educational buildings .....	40, 521	3, 060	43, 581	28, 365	3, 396	31, 761	23, 120	3, 018	26, 138
15. Churches and other religious buildings .....	2, 639	254	2, 893	2, 018	227	2, 245	4, 745	271	5, 016
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	17, 011	1, 022	18, 033	14, 604	1, 660	16, 264	20, 679	1, 690	22, 369
17. Other institutional buildings .....	8, 541	1, 614	10, 155	1, 835	195	2, 030	1, 770	208	1, 978
<b>Other building construction .....</b>	<b>20, 415</b>	<b>7, 292</b>	<b>27, 707</b>	<b>16, 454</b>	<b>6, 716</b>	<b>23, 170</b>	<b>29, 053</b>	<b>6, 624</b>	<b>35, 677</b>
18. Farm buildings (excluding dwellings) .....	5, 972	2, 709	8, 681	3, 893	2, 751	6, 644	4, 925	2, 775	7, 700
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3, 048	320	3, 368	5, 599	226	5, 825	9, 952	371	10, 323
20. Aeroplane hangars .....	2, 318	409	2, 727	59	92	151	88	95	183
21. Passenger terminals, bus, boat or air .....	546	5	551	1, 468	—	1, 468	1, 322	3	1, 325
22. Armouries, barracks, drill halls, etc. ....	3, 023	1, 456	4, 479	395	1, 419	1, 814	149	1, 430	1, 579
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2, 240	2, 102	4, 342	1, 659	1, 696	3, 355	2, 978	1, 529	4, 507
24. Other building construction .....	3, 268	291	3, 559	3, 381	532	3, 913	9, 639	421	10, 060
<b>Total engineering construction .....</b>	<b>515, 479</b>	<b>65, 957</b>	<b>581, 436</b>	<b>345, 240</b>	<b>64, 458</b>	<b>409, 698</b>	<b>315, 081</b>	<b>69, 150</b>	<b>384, 231</b>
<b>Marine construction .....</b>	<b>10, 853</b>	<b>2, 220</b>	<b>13, 073</b>	<b>12, 133</b>	<b>1, 946</b>	<b>14, 079</b>	<b>8, 724</b>	<b>2, 015</b>	<b>10, 739</b>
25. Docks, wharves, piers, breakwaters .....	6, 812	1, 403	8, 215	10, 456	1, 422	11, 878	7, 359	1, 487	8, 846
26. Retaining walls, embankments, riprapping .....	465	84	549	306	59	365	8	32	40
27. Canals and waterways .....	63	45	108	—	—	—	—	—	—
28. Dredging and pile driving .....	459	167	626	856	168	1, 024	1, 118	211	1, 329
29. Dyke construction .....	4	11	15	—	9	9	—	20	20
30. Logging booms .....	147	358	505	22	173	195	9	151	160
31. Other marine construction .....	2, 903	152	3, 055	493	115	608	230	114	344

TABLE 28. British Columbia — Concluded

Type of structure	1957			1958			1959		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>96,254</b>	<b>23,109</b>	<b>119,363</b>	<b>98,495</b>	<b>22,872</b>	<b>121,367</b>	<b>103,746</b>	<b>24,177</b>	<b>127,923</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	13,312	2,450	15,762	21,801	3,137	24,938	23,570	3,180	26,750
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	64,157	15,333	79,490	58,095	14,867	72,962	63,375	16,164	79,539
34. Dirt, clay or other streets, roads, parking lots, etc. ....	11,456	4,326	15,782	7,807	3,749	11,556	7,576	3,727	11,303
35. Grading, scraping, oiling, filling .....	814	623	1,437	524	738	1,262	121	731	852
36. Sidewalks, paths .....	617	362	979	1,173	368	1,541	787	362	1,149
37. Aerodromes, landing fields, runways, tarmac .....	5,898	15	5,913	9,095	13	9,108	8,317	13	8,330
<b>Waterworks and sewage systems .....</b>	<b>14,242</b>	<b>4,535</b>	<b>18,777</b>	<b>13,583</b>	<b>4,145</b>	<b>17,728</b>	<b>12,784</b>	<b>4,289</b>	<b>17,073</b>
38. Tile drains, drainage ditches, storm sewers .....	1,319	1,361	2,680	855	1,427	2,282	679	1,398	2,077
39. Water mains, hydrants and services .....	7,295	2,154	9,449	6,979	1,893	8,872	6,642	1,883	8,525
40. Sewage systems and connections .....	5,339	925	6,264	5,243	748	5,991	5,158	930	6,088
41. Pumping stations, water .....	191	62	253	410	77	487	204	74	278
42. Water storage tanks .....	98	33	131	96	—	96	101	4	105
<b>Dams and irrigation .....</b>	<b>23,827</b>	<b>830</b>	<b>24,657</b>	<b>8,007</b>	<b>304</b>	<b>8,311</b>	<b>2,863</b>	<b>285</b>	<b>3,148</b>
43. Dams and reservoirs .....	22,649	740	23,389	7,541	213	7,754	2,388	189	2,577
44. Irrigation and land reclamation projects .....	1,178	90	1,268	466	91	557	475	96	571
<b>Electric power construction .....</b>	<b>75,951</b>	<b>4,616</b>	<b>80,567</b>	<b>66,227</b>	<b>4,653</b>	<b>70,880</b>	<b>67,243</b>	<b>4,954</b>	<b>72,197</b>
45. Electric power generating plants, including water conveying and controlling structures .....	43,274	571	43,845	40,108	665	40,773	39,303	851	40,154
46. Electric transformer stations .....	5,028	411	5,439	723	219	942	1,260	209	1,469
47. Power transmission and distribution lines, trolley wires .....	26,896	2,936	29,832	24,072	3,029	27,101	25,304	3,124	28,428
48. Street lighting .....	753	698	1,451	1,324	740	2,064	1,376	770	2,146
<b>Railway, telephone and telegraph .....</b>	<b>54,070</b>	<b>19,183</b>	<b>73,253</b>	<b>37,307</b>	<b>18,099</b>	<b>55,406</b>	<b>39,273</b>	<b>19,419</b>	<b>58,692</b>
49. Railway tracks and roadbed .....	38,938	14,842	53,780	23,182	14,305	37,487	21,038	15,226	36,264
50. Signals and interlockers .....	396	510	906	516	584	1,100	749	642	1,391
51. Telegraph and telephone lines, underground and marine cables .....	14,736	3,831	18,567	13,609	3,210	16,819	17,486	3,551	21,037
<b>Gas and oil facilities .....</b>	<b>183,279</b>	<b>2,655</b>	<b>185,934</b>	<b>58,121</b>	<b>3,892</b>	<b>62,013</b>	<b>35,346</b>	<b>4,549</b>	<b>39,895</b>
52. Gas mains and services .....	20,503	400	20,903	12,454	322	12,776	11,597	401	11,998
53. Pumping stations, oil .....	5,471	124	5,595	118	159	277	37	95	132
54. Pumping stations, gas .....	16,603	26	16,629	549	211	760	83	185	268
55. Oil storage tanks .....	4,891	323	5,214	4,251	445	4,696	2,483	405	2,888
56. Gas storage tanks .....	803	31	834	—	—	—	—	—	—
57. Oil pipe lines .....	10,729	296	11,025	4,589	353	942	135	408	543
58. Gas pipe lines .....	63,663	2	63,665	8,790	207	8,997	2,378	240	2,618
59. Oil wells .....	12,961	46	13,007	8,908	65	8,973	10,546	69	10,615
60. Gas wells .....	4,434	11	4,445	3,168	8	3,176	4,847	9	4,856
61. Oil refinery — processing units .....	15,944	1,396	17,340	15,911	1,967	17,878	2,640	2,441	5,081
62. Natural gas cleaning plants .....	27,277	—	27,277	3,383	155	3,538	600	296	896
<b>Other engineering construction .....</b>	<b>57,003</b>	<b>8,809</b>	<b>65,812</b>	<b>51,367</b>	<b>8,547</b>	<b>59,914</b>	<b>45,102</b>	<b>9,462</b>	<b>54,564</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	37,524	4,662	42,186	35,510	4,129	39,639	32,573	4,947	37,520
64. Tunnels and subways .....	15,134	1	15,135	11,706	6	11,712	581	9	590
65. Incinerators .....	86	7	93	34	13	47	7	16	23
66. Park systems, landscaping, sodding, etc. ....	113	228	341	439	967	1,406	454	961	1,415
67. Swimming pools, tennis courts, outdoor recreation facilities ....	13	34	47	218	31	249	23	30	53
68. Mine shafts and other below surface workings .....	1,476	282	1,758	1,127	73	1,200	1,312	86	1,398
69. Fences, snowsheds, signs, guard rails .....	660	949	1,609	462	779	1,241	512	812	1,324
70. Other engineering construction .....	1,997	2,646	4,643	1,871	2,549	4,420	9,640	2,601	12,241



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as

insurance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 78 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1959".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1956 of all the firms in each industry by the corresponding 1956 total for the firms reporting in the 1959 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1956 and 1959 has not changed significantly during the period and, further, that there is a close relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 78 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1958 preliminary actual figures and the 1959 forecast estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1958 to 1959 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1957 and 1958 were prepared by Central Mortgage and Housing Corporation. Appraisals of the probable volume of housing construction in 1959 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1959.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1957 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1957 to 1959. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages to total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1958 and 1959 an average annual earnings figure was computed from 1957, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



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CANADA



# CONSTRUCTION IN CANADA

## 1958-60

DOMINION BUREAU OF STATISTICS

Business Finance Division

Operations Section





DOMINION BUREAU OF STATISTICS

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# CONSTRUCTION IN CANADA

1958 - 60

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# CONSTRUCTION IN CANADA

1958 - 60

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1958 and 1959 and provides estimates of the intended program for 1960. The information given for 1959 is preliminary whereas that shown for 1958 and earlier years is final. The probable volume of construction that will be realized in 1960 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a great many difficulties. Changing plans and problems of respondents in estimating accurately the cost of structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1960", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on labour content in terms of numbers of persons and value and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Preliminary estimates of Canada's 1959 construction program indicate a level of activity similar to the two previous years, with \$7,023 million being spent in 1957 for both new structures and repairs to existing facilities, \$7,092 million in 1958 and \$7,129 million in 1959. At the present time the program for 1960 is expected to be some 2½ per cent greater than in the previous year.

The 1959 program gained in most structures over the previous year but these gains were offset by substantial declines in marine construction and gas pipe lines due to the completion of work on the St. Lawrence Seaway and Trans Canada Pipeline projects. The increases in spending for 1960 are concentrated in the non-residential building structures, with engineering and residential construction

expected to be about level in the two years, 1959 and 1960. Within the engineering category, moderate increases in road building, the construction of water and sewer works and in telephone facilities will be offset by equally moderate declines in marine and railway construction and in the building of power facilities.

The present estimates provide for a further decline in residential construction in 1960. It is estimated that the number of new housing units started this year will be from 10 to 15 per cent fewer than the 141,000 starts of 1959. However, with 82,000 units under construction at the start of the year, completions are expected to be close to last year's level of 146,000. In terms of the value of housing put in place in 1960, this will involve a decline of about 4 per cent from that of 1959.

Year	Total new and repair construction	% change over previous year in	
		Value	Volume
	millions of \$		
1951.....	3,858	17.6	3.9
1952.....	4,444	15.2	9.4
1953.....	4,826	8.6	5.1
1954.....	4,842	0.3	0.2
1955.....	5,308	9.6	7.0
1956.....	6,454	21.6	16.0
1957.....	7,023	8.8	4.9
1958.....	7,092	1.0	-0.8
1959.....	7,129	0.5	-2.4
1960.....	7,317	2.6	-



### Construction in Current and Constant Dollars

The volume of construction carried out in 1958 is about equal to the accomplishment of the previous year. However, in 1959, the volume of new construction declined by more than 3 per cent with repair increasing slightly. Total new and repair

construction in 1959 declined, in volume term, 2.4 per cent from 1958.

In 1958, construction as a percentage of gross national product, declined for the first time in some years, and this trend has continued in both current and constant terms in 1959.

**TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars 1951 - 60<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	millions of dollars							
1951.....	2,871	2,405	987	827	3,858	3,231	18.2	17.4
1952.....	3,434	2,731	1,010	803	4,444	3,534	18.5	17.6
1953.....	3,756	2,892	1,070	824	4,826	3,716	19.3	17.9
1954.....	3,737	2,875	1,105	850	4,842	3,725	19.5	18.5
1955.....	4,167	3,129	1,141	857	5,308	3,986	19.6	18.2
1956.....	5,272	3,776	1,182	847	6,454	4,623	21.4	19.6
1957.....	5,785	3,995	1,238	855	7,023	4,850	22.3	20.6
1958.....	5,831	3,957	1,261	856	7,092	4,813	21.8	20.1
1959.....	5,798	3,820	1,331	877	7,129	4,697	20.6	19.0
1960.....	5,939	—	1,378	—	7,317	—	—	—

<sup>1</sup> Actual 1951-58, preliminary 1959, intentions 1960.

### Value of Work Done by Contract

The value of construction work performed outside the construction industry proper, by utilities, governments and others, has remained unchanged in 1958 and 1959, and in 1960, if present plans are carried out. New construction work declined during these years, with repair construction increasing without affecting the total value.

The value of work carried out by contractors has been increasing over the years, and it is expected that this trend will continue into 1960. Contract construction, as well as increasing in volume, has been accounting for a larger percentage of total construction work year after year.

**TABLE 2. Value of Construction Work Performed, by Contractors and Others 1956 - 60<sup>1</sup>**

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1956.....	4,319	520	4,839	953	662	1,615	5,272	1,182	6,454
1957.....	4,770	551	5,321	1,015	687	1,702	5,785	1,238	7,023
1958.....	4,844	597	5,441	987	664	1,651	5,831	1,261	7,092
1959.....	4,838	642	5,480	960	689	1,649	5,798	1,331	7,129
1960.....	4,999	669	5,668	940	709	1,649	5,939	1,378	7,317

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

### Principal Types of Construction

Building construction has been increasing in importance relative to engineering construction since 1957 and this trend is expected to continue into 1960. Industrial building shows slight increases in 1959 and 1960, but is still at a much lower level than the 1956-1957 period. Commercial and Institutional Building, however, have shown steady increases since 1956 with commercial increasing by \$33 million in 1958, \$71 million in 1959 and expected to increase by \$92 million in 1960. Institutional

building has shown increases of \$31 million and \$21 million in 1958 and 1959 and is expected to increase \$95 million in 1960.

Most of the engineering structures have remained relatively constant over the five years 1956 to 1960, with marine construction and gas and oil facilities the exception. These types of construction have varied due to the nature of the St. Lawrence Seaway project and pipeline construction.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction 1956 - 60<sup>1</sup>**

	1956		1957		1958		1959		1960	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%
<b>Total construction.....</b>	<b>6,454</b>	<b>100.0</b>	<b>7,023</b>	<b>100.0</b>	<b>7,092</b>	<b>100.0</b>	<b>7,129</b>	<b>100.0</b>	<b>7,317</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>3,890</b>	<b>60.3</b>	<b>3,886</b>	<b>55.3</b>	<b>4,102</b>	<b>57.8</b>	<b>4,254</b>	<b>59.7</b>	<b>4,426</b>	<b>60.5</b>
Residential.....	1,902	29.5	1,813	25.8	2,189	30.9	2,190	30.7	2,153	29.4
Industrial .....	604	9.4	611	8.7	396	5.5	412	5.8	443	6.1
Commercial.....	571	8.8	656	9.3	689	9.7	760	10.7	852	11.6
Institutional .....	455	7.0	519	7.4	550	7.8	571	8.0	666	9.1
Other building .....	358	5.6	287	4.1	278	3.9	321	4.5	312	4.3
<b>Total engineering .....</b>	<b>2,564</b>	<b>39.7</b>	<b>3,137</b>	<b>44.7</b>	<b>2,990</b>	<b>42.2</b>	<b>2,875</b>	<b>40.3</b>	<b>2,891</b>	<b>39.5</b>
Marine construction.....	118	1.8	158	2.2	155	2.2	114	1.6	106	1.5
Road highway and aerodrome construction .....	618	9.6	709	10.1	712	10.0	789	11.1	785	10.7
Waterworks and sewage systems....	184	2.9	200	2.8	198	2.8	217	3.0	240	3.3
Dams and irrigation.....	68	1.1	86	1.2	50	0.7	45	0.6	45	0.6
Electric power construction.....	455	7.0	508	7.2	501	7.1	447	6.3	423	5.8
Railway, telephone and telegraph construction .....	363	5.6	405	5.8	401	5.7	459	6.4	454	6.2
Gas and oil facilities .....	531	8.2	741	10.7	650	9.2	461	6.5	514	7.0
Other engineering construction .....	227	3.5	330	4.7	323	4.5	343	4.8	324	4.4

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960

TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1956 - 60<sup>1</sup>

Type of structure	1956	1957	1958	1959	1960
thousands of dollars					
<b>Total value of construction .....</b>	<b>6,454,256</b>	<b>7,023,058</b>	<b>7,092,481</b>	<b>7,128,585</b>	<b>7,317,240</b>
<b>Total building construction .....</b>	<b>3,890,156</b>	<b>3,886,525</b>	<b>4,101,751</b>	<b>4,253,806</b>	<b>4,426,036</b>
<b>Residential .....</b>	<b>1,902,300</b>	<b>1,813,000</b>	<b>2,189,000</b>	<b>2,189,600</b>	<b>2,152,700</b>
<b>Industrial .....</b>	<b>604,077</b>	<b>610,670</b>	<b>395,503</b>	<b>411,804</b>	<b>443,324</b>
2. Factories, plants, workshops, food canneries .....	476,900	443,073	317,550	332,015	339,788
3. Mine and mine mill buildings .....	89,341	127,790	35,746	37,762	59,719
4. Railway stations, offices, roadway buildings .....	22,012	22,719	24,599	25,521	24,309
5. Railway shops, engine houses, water and fuel stations .....	15,824	17,088	17,608	16,506	19,508
<b>Commercial .....</b>	<b>571,294</b>	<b>656,196</b>	<b>688,763</b>	<b>760,249</b>	<b>852,147</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	89,743	90,899	73,920	70,565	80,397
7. Grain elevators .....	18,697	19,776	25,915	28,138	16,202
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	51,156	67,393	50,413	51,502	43,553
9. Office buildings .....	183,616	223,653	263,742	312,925	351,442
10. Stores, retail and wholesale .....	140,397	165,246	197,395	210,875	230,933
11. Garages and service stations .....	56,269	59,291	47,908	53,354	91,224
12. Theatres, arenas, amusement and recreational buildings .....	29,222	27,684	24,091	30,448	36,143
13. Laundries and dry cleaning establishments .....	2,194	2,254	5,379	2,442	2,253
<b>Institutional .....</b>	<b>454,982</b>	<b>519,191</b>	<b>550,034</b>	<b>571,361</b>	<b>666,202</b>
14. Schools and other educational buildings .....	229,887	284,985	306,130	326,020	362,325
15. Churches and other religious buildings .....	41,259	48,708	53,076	63,258	60,329
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	134,868	136,649	156,891	152,485	198,300
17. Other institutional buildings .....	48,968	48,849	33,937	29,598	45,248
<b>Other building construction .....</b>	<b>357,503</b>	<b>287,468</b>	<b>278,451</b>	<b>320,792</b>	<b>311,663</b>
18. Farm buildings (excluding dwellings) .....	157,458	146,776	161,706	180,437	180,721
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	87,226	53,108	41,018	43,621	46,843
20. Aeroplane hangars .....	9,299	12,216	6,012	19,814	16,595
21. Passenger terminals, bus, boat or air .....	4,553	7,738	12,220	13,935	12,175
22. Armouries, barracks, drill halls, etc. ....	43,549	27,179	24,113	25,127	23,650
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	31,387	22,197	16,700	19,342	14,676
24. Other building construction .....	24,031	18,254	16,682	18,516	17,003
<b>Total engineering construction .....</b>	<b>2,564,100</b>	<b>3,136,533</b>	<b>2,990,730</b>	<b>2,874,779</b>	<b>2,891,204</b>
<b>Marine construction .....</b>	<b>117,570</b>	<b>158,158</b>	<b>155,032</b>	<b>113,737</b>	<b>105,904</b>
25. Docks, wharves, piers, breakwaters .....	37,989	43,131	60,818	63,875	61,194
26. Retaining walls, embankments, riprapping .....	2,395	2,136	2,419	3,061	3,600
27. Canals and waterways .....	22,427	73,824	36,357	9,216	13,319
28. Dredging and pile driving .....	20,847	20,905	49,068	30,342	20,937
29. Dyke construction .....	17,796	1,386	1,496	2,032	2,337
30. Logging booms .....	2,619	1,794	1,101	1,047	1,531
31. Other marine construction .....	13,497	14,982	3,773	4,164	2,986

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.



TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1956-60<sup>1</sup> - Concluded

Type of structure	1956	1957	1958	1959	1960
	thousands of dollars				
<b>Road, highway and aerodrome construction .....</b>	<b>618,038</b>	<b>708,780</b>	<b>711,854</b>	<b>788,969</b>	<b>784,747</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	304,152	361,786	424,700	488,583	483,136
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	199,808	210,775	169,653	170,473	170,045
34. Dirt, clay or other streets, roads, parking lots, etc. ....	54,421	57,812	47,925	61,143	68,384
35. Grading, scraping, oiling, filling .....	30,050	29,250	19,924	15,628	12,787
36. Sidewalks, paths .....	16,448	17,567	19,563	18,536	19,205
37. Aerodromes, landing fields, runways, tarmac .....	13,159	31,590	30,089	34,606	31,190
<b>Waterworks and sewage systems .....</b>	<b>184,113</b>	<b>200,108</b>	<b>197,546</b>	<b>216,806</b>	<b>240,504</b>
38. Tile drains, drainage ditches, storm sewers .....	21,332	23,587	21,401	13,345	12,885
39. Water mains, hydrants and services .....	71,344	76,823	72,320	78,837	85,765
40. Sewage systems and connections .....	77,511	88,132	91,239	107,104	119,689
41. Pumping stations, water .....	11,811	9,150	6,976	14,559	19,027
42. Water storage tanks .....	2,115	2,416	5,610	2,961	3,138
<b>Dams and irrigation .....</b>	<b>67,547</b>	<b>85,932</b>	<b>50,169</b>	<b>45,085</b>	<b>44,583</b>
43. Dams and reservoirs .....	51,206	70,915	35,693	29,097	29,258
44. Irrigation and land reclamation projects .....	16,341	15,017	14,476	15,988	15,325
<b>Electric power construction .....</b>	<b>454,561</b>	<b>507,554</b>	<b>501,216</b>	<b>447,350</b>	<b>422,936</b>
45. Electric power generating plants, including water conveying and controlling structures .....	212,035	254,627	229,925	197,777	168,817
46. Electric transformer stations .....	44,152	45,471	53,462	52,976	50,664
47. Power transmission and distribution lines, trolley wires .....	189,740	197,028	204,345	181,553	189,411
48. Street lighting .....	8,634	10,428	13,484	15,044	14,044
<b>Railway, telephone and telegraph .....</b>	<b>363,401</b>	<b>405,436</b>	<b>401,400</b>	<b>458,730</b>	<b>454,562</b>
49. Railway tracks and roadbed .....	232,979	261,167	259,858	280,068	271,340
50. Signals and interlockers .....	9,875	11,321	6,602	12,509	12,259
51. Telegraph and telephone lines, underground and marine cables .....	120,547	132,948	134,940	166,153	170,963
<b>Gas and oil facilities .....</b>	<b>531,489</b>	<b>740,481</b>	<b>650,524</b>	<b>461,355</b>	<b>514,124</b>
52. Gas mains and services .....	38,472	61,786	62,947	76,634	73,915
53. Pumping stations, oil .....	7,075	15,302	5,103	3,885	8,794
54. Pumping stations, gas .....	4,776	16,844	24,941	16,652	39,709
55. Oil storage tanks .....	20,407	28,333	21,959	20,976	17,411
56. Gas storage tanks .....	3,450	1,769	3,465	386	470
57. Oil pipe lines .....	33,325	50,215	19,332	10,330	7,484
58. Gas pipe lines .....	132,893	230,797	209,115	43,270	41,416
59. Oil wells .....	191,092	166,081	128,033	130,195	169,503
60. Gas wells .....	11,612	23,143	29,043	41,841	34,976
61. Oil refinery—processing units .....	76,657	110,907	111,269	93,831	72,591
62. Natural gas cleaning plants .....	11,730	35,304	35,317	23,355	47,855
<b>Other engineering construction .....</b>	<b>227,381</b>	<b>330,084</b>	<b>322,989</b>	<b>342,747</b>	<b>323,844</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	122,005	168,103	187,640	221,819	207,910
64. Tunnels and subways .....	3,340	53,619	37,110	28,802	27,608
65. Incinerators .....	4,781	957	1,870	1,842	2,308
66. Park systems, landscaping, sodding, etc. ....	6,941	6,350	9,054	9,950	9,428
67. Swimming pools, tennis courts, outdoor recreation facilities .....	2,373	2,545	3,338	4,236	4,320
68. Mine shafts and other below surface workings .....	47,836	55,355	35,858	26,379	24,713
69. Fences, snowsheds, signs, guard rails .....	18,681	18,826	16,885	18,429	18,403
70. Other engineering construction .....	21,424	24,329	31,234	31,290	29,154

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.

**TABLE 5. Labour Content and Cost of Materials Used, 1956-60<sup>1</sup>  
by Provinces**

Province	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Canada:				
1956 .....	591,983	2,137,149	3,112,821	6,453,600
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	567,991	2,331,865	3,402,038	7,128,585
1960 .....	582,317	2,396,827	3,486,198	7,317,240
Newfoundland:				
1956 .....	11,155	35,308	32,623	83,200
1957 .....	9,875	32,377	43,113	90,393
1958 .....	9,226	30,999	41,504	95,682
1959 .....	10,255	30,858	37,529	95,829
1960 .....	10,861	32,727	39,878	101,562
Prince Edward Island:				
1956 .....	2,260	6,473	9,118	19,300
1957 .....	1,769	5,512	7,299	17,095
1958 .....	2,070	5,842	9,664	20,498
1959 .....	2,588	7,462	12,970	28,013
1960 .....	2,366	6,969	11,712	25,859
Nova Scotia:				
1956 .....	19,649	57,213	77,681	162,100
1957 .....	20,087	59,954	76,580	164,878
1958 .....	19,446	57,766	72,854	159,690
1959 .....	20,555	65,797	84,082	185,100
1960 .....	21,677	69,533	91,523	198,394
New Brunswick:				
1956 .....	20,317	58,248	90,451	168,900
1957 .....	16,836	52,082	68,353	143,958
1958 .....	16,644	53,135	87,468	165,880
1959 .....	18,599	59,082	99,196	189,118
1960 .....	18,501	58,914	97,531	185,744
Quebec:				
1956 .....	148,243	493,979	784,619	1,545,700
1957 .....	146,727	528,953	836,203	1,661,552
1958 .....	144,405	537,707	890,149	1,732,647
1959 .....	143,709	568,862	940,083	1,822,620
1960 .....	141,644	558,376	919,410	1,776,902
Ontario:				
1956 .....	197,092	738,484	1,072,506	2,189,600
1957 .....	207,945	847,896	1,197,947	2,507,011
1958 .....	214,006	896,629	1,203,999	2,598,625
1959 .....	197,545	844,496	1,133,906	2,422,492
1960 .....	207,203	887,115	1,197,950	2,545,872
Manitoba:				
1956 .....	31,459	105,019	148,490	307,500
1957 .....	27,246	100,496	160,366	327,306
1958 .....	29,495	112,424	163,746	345,293
1959 .....	32,778	132,590	188,453	410,450
1960 .....	31,937	129,133	182,250	400,456

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.

**TABLE 5. Labour Content and Cost of Materials Used, 1956-60<sup>1</sup>**  
by Provinces - Concluded

Province	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1956 .....	29,755	110,204	169,595	367,000
1957 .....	27,773	107,446	157,370	353,560
1958 .....	28,959	114,656	192,193	383,344
1959 .....	24,526	102,556	175,096	342,513
1960 .....	26,767	113,710	189,258	379,947
Alberta:				
1956 .....	60,174	225,670	325,543	731,700
1957 .....	57,866	223,460	292,052	707,005
1958 .....	57,141	229,400	355,157	787,336
1959 .....	56,502	238,873	367,828	817,081
1960 .....	60,049	256,391	390,744	878,365
British Columbia:				
1956 .....	71,879	306,551	402,195	878,600
1957 .....	74,931	351,520	470,403	1,050,300
1958 .....	60,600	276,877	356,093	803,486
1959 .....	60,934	281,289	362,895	815,369
1960 .....	61,312	283,959	365,942	824,139

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.

**TABLE 6. Labour Content and Cost of Materials Used, 1956-60<sup>1</sup>**  
by Contractors and Others

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Total:				
1956 .....	591,983	2,137,149	3,112,821	6,453,600
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	567,991	2,331,865	3,402,038	7,128,585
1960 .....	582,317	2,396,827	3,486,198	7,317,240
Contractors:				
1956 .....	395,115	1,498,959	2,366,540	4,838,950
1957 .....	397,618	1,634,932	2,523,244	5,321,378
1958 .....	393,854	1,655,812	2,606,012	5,441,352
1959 .....	386,254	1,671,934	2,638,988	5,479,516
1960 .....	400,720	1,737,352	2,722,975	5,668,282
Utilities:				
1956 .....	76,601	271,271	353,771	699,786
1957 .....	77,947	296,918	396,881	775,261
1958 .....	72,694	284,921	411,438	774,336
1959 .....	68,840	279,920	402,467	760,139
1960 .....	68,678	279,258	401,429	758,727
Governments:				
1956 .....	65,698	191,629	138,478	414,271
1957 .....	59,823	180,697	129,445	396,325
1958 .....	65,806	200,102	113,079	398,070
1959 .....	64,821	204,781	115,979	406,603
1960 .....	64,700	204,636	116,132	406,236
Others:				
1956 .....	54,569	175,290	254,032	500,593
1957 .....	55,667	197,149	280,116	530,094
1958 .....	49,638	174,600	242,298	478,723
1959 .....	48,076	175,230	244,604	482,327
1960 .....	48,219	175,581	245,662	483,995

<sup>1</sup> Actual 1956-58, preliminary 1959, intentions 1960.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA, 1958-60<sup>1</sup>

TABLE 7. By Type of Structure New and Repair

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5,831,325</b>	<b>1,261,156</b>	<b>7,092,481</b>	<b>5,797,481</b>	<b>1,331,104</b>	<b>7,128,585</b>	<b>5,939,363</b>	<b>1,377,877</b>	<b>7,317,240</b>
<b>Total building construction .....</b>	<b>3,337,566</b>	<b>764,185</b>	<b>4,101,751</b>	<b>3,452,986</b>	<b>800,820</b>	<b>4,253,806</b>	<b>3,598,599</b>	<b>827,437</b>	<b>4,426,036</b>
<b>Residential .....</b>	<b>1,782,000</b>	<b>407,000</b>	<b>2,189,000</b>	<b>1,758,600</b>	<b>431,000</b>	<b>2,189,600</b>	<b>1,695,700</b>	<b>457,000</b>	<b>2,152,700</b>
<b>Industrial .....</b>	<b>287,070</b>	<b>108,433</b>	<b>395,503</b>	<b>297,027</b>	<b>114,777</b>	<b>411,804</b>	<b>326,774</b>	<b>116,550</b>	<b>443,324</b>
2. Factories, plants, workshops, food canneries .....	236,591	80,959	317,550	245,637	86,378	332,015	253,285	86,503	339,788
3. Mine and mine mill buildings .....	28,983	6,763	35,746	30,505	7,257	37,762	51,814	7,905	59,719
4. Railway stations, offices, roadway buildings .....	12,492	12,107	24,599	12,935	12,586	25,521	11,067	13,242	24,309
5. Railway shops, engine houses, water and fuel stations .....	9,004	8,604	17,608	7,950	8,556	16,506	10,608	8,900	19,508
<b>Commercial .....</b>	<b>589,459</b>	<b>99,304</b>	<b>688,763</b>	<b>663,565</b>	<b>96,684</b>	<b>760,249</b>	<b>757,978</b>	<b>94,169</b>	<b>852,147</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	62,306	11,614	73,920	60,151	10,414	70,565	69,033	11,364	80,397
7. Grain elevators .....	19,794	6,121	25,915	21,846	6,292	28,138	10,501	5,701	16,202
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	36,257	14,156	50,413	38,376	13,126	51,502	32,955	10,598	43,553
9. Office buildings .....	232,117	31,625	263,742	279,922	33,003	312,925	319,848	31,594	351,442
10. Stores, retail and wholesale .....	173,139	24,256	197,395	188,712	22,163	210,875	209,728	21,205	230,933
11. Garages and service stations .....	40,508	7,400	47,908	45,543	7,811	53,354	81,086	10,138	91,224
12. Theatres, arenas, amusement and recreational buildings .....	20,881	3,210	24,091	27,511	2,937	30,448	33,385	2,758	36,143
13. Laundries and dry cleaning establishments .....	4,457	922	5,379	1,504	938	2,442	1,442	811	2,253
<b>Institutional .....</b>	<b>492,712</b>	<b>57,322</b>	<b>550,034</b>	<b>510,771</b>	<b>60,590</b>	<b>571,361</b>	<b>604,933</b>	<b>61,269</b>	<b>666,202</b>
14. Schools and other educational buildings .....	277,602	28,528	306,130	295,870	30,150	326,020	330,327	31,998	362,325
15. Churches and other religious buildings ....	45,601	7,475	53,076	54,884	8,374	63,258	52,946	7,383	60,329
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	142,716	14,175	156,891	135,078	17,407	152,485	181,862	16,438	198,300
17. Other institutional buildings .....	26,793	7,144	33,937	24,939	4,659	29,598	39,798	5,450	45,248
<b>Other building construction .....</b>	<b>186,325</b>	<b>92,126</b>	<b>278,451</b>	<b>223,023</b>	<b>97,769</b>	<b>320,792</b>	<b>213,214</b>	<b>98,449</b>	<b>311,663</b>
18. Farm buildings (excluding dwellings) .....	95,856	65,850	161,706	107,344	73,093	180,437	106,917	73,804	180,721
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	38,783	2,235	41,018	41,378	2,243	43,621	44,414	2,429	46,843
20. Aeroplane hangars .....	3,587	2,425	6,012	17,305	2,509	19,814	14,229	2,366	16,595
21. Passenger terminals, bus, boat or air .....	12,117	103	12,220	13,686	249	13,935	11,997	178	12,175
22. Armouries, barracks, drill halls, etc. ....	10,107	14,006	24,113	11,949	13,178	25,127	10,555	13,095	23,650
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	12,694	4,006	16,700	15,606	3,736	19,342	10,986	3,690	14,676
24. Other building construction .....	13,181	3,501	16,682	15,755	2,761	18,516	14,116	2,887	17,003
<b>Total engineering construction .....</b>	<b>2,493,759</b>	<b>496,971</b>	<b>2,990,730</b>	<b>2,344,495</b>	<b>530,284</b>	<b>2,874,779</b>	<b>2,340,764</b>	<b>550,440</b>	<b>2,891,204</b>
<b>Marine construction .....</b>	<b>139,867</b>	<b>15,165</b>	<b>155,032</b>	<b>98,880</b>	<b>14,857</b>	<b>113,737</b>	<b>92,563</b>	<b>13,341</b>	<b>105,904</b>
25. Docks, wharves, piers, breakwaters .....	53,549	7,269	60,818	57,065	6,810	63,875	54,503	6,691	61,194
26. Retaining walls, embankments, riprapping .....	1,939	480	2,419	2,681	380	3,061	3,242	358	3,600
27. Canals and waterways .....	34,933	1,424	36,357	8,091	1,125	9,216	12,157	1,162	13,319
28. Dredging and pile driving .....	44,617	4,451	49,068	24,950	5,392	30,342	16,922	4,015	20,937
29. Dyke construction .....	1,307	189	1,496	1,858	174	2,032	2,136	201	2,337
30. Logging booms .....	234	867	1,101	326	721	1,047	858	673	1,531
31. Other marine construction .....	3,288	485	3,773	3,909	255	4,164	2,745	241	2,986

<sup>1</sup> Actual 1958, preliminary 1959, intentions 1960.

TABLE 7. By Type of Structure New and Repair - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction .....</b>	<b>543,469</b>	<b>168,385</b>	<b>711,854</b>	<b>605,501</b>	<b>183,468</b>	<b>788,969</b>	<b>594,605</b>	<b>190,142</b>	<b>784,747</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	357,902	66,798	424,700	398,968	89,615	488,583	391,372	91,764	483,136
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	94,372	75,281	169,653	101,952	68,521	170,473	98,268	71,777	170,045
34. Dirt, clay or other streets, roads, parking lots, etc. ....	30,561	17,364	47,925	44,182	16,961	61,143	50,542	17,842	68,384
35. Grading, scraping, oiling, filling .....	17,544	2,380	19,924	13,012	2,616	15,628	10,190	2,597	12,787
36. Sidewalks, paths .....	15,591	3,972	19,563	15,397	3,139	18,536	15,652	3,553	19,205
37. Aerodromes, landing fields, runways, tarmac .....	27,499	2,590	30,089	31,990	2,616	34,606	28,581	2,609	31,190
<b>Waterworks and sewage systems .....</b>	<b>169,520</b>	<b>28,026</b>	<b>197,546</b>	<b>185,134</b>	<b>31,672</b>	<b>216,806</b>	<b>208,995</b>	<b>31,509</b>	<b>240,504</b>
38. Tile drains, drainage ditches, storm sewers .....	16,754	4,647	21,401	6,832	6,513	13,345	6,600	6,285	12,885
39. Water mains, hydrants and services .....	58,013	14,307	72,320	66,493	12,344	78,837	71,061	14,704	85,765
40. Sewage systems and connections .....	83,733	7,506	91,239	97,497	9,607	107,104	110,687	9,002	119,689
41. Pumping stations, water .....	5,784	1,192	6,976	11,445	3,114	14,559	17,555	1,472	19,027
42. Water storage tanks .....	5,236	374	5,610	2,867	94	2,961	3,092	46	3,138
<b>Dams and irrigation .....</b>	<b>42,989</b>	<b>7,180</b>	<b>50,169</b>	<b>36,911</b>	<b>8,174</b>	<b>45,085</b>	<b>37,081</b>	<b>7,502</b>	<b>44,583</b>
43. Dams and reservoirs .....	32,707	2,986	35,693	25,855	3,242	29,097	26,362	2,896	29,258
44. Irrigation and land reclamation projects ....	10,282	4,194	14,476	11,056	4,932	15,988	10,719	4,606	15,325
<b>Electric power construction .....</b>	<b>457,241</b>	<b>43,975</b>	<b>501,216</b>	<b>399,587</b>	<b>47,763</b>	<b>447,350</b>	<b>372,070</b>	<b>50,866</b>	<b>422,936</b>
45. Electric power generating plants, including water conveying and controlling structures .....	221,091	8,834	229,925	188,347	9,430	197,777	158,581	10,236	168,817
46. Electric transformer stations .....	47,849	5,613	53,462	45,958	7,018	52,976	42,864	7,800	50,664
47. Power transmission and distribution lines, trolley wires .....	178,987	25,358	204,345	154,547	27,006	181,553	160,970	28,441	189,411
48. Street lighting .....	9,314	4,170	13,484	10,735	4,309	15,044	9,655	4,389	14,044
<b>Railway, telephone and telegraph .....</b>	<b>249,790</b>	<b>151,610</b>	<b>401,400</b>	<b>300,634</b>	<b>158,096</b>	<b>458,730</b>	<b>286,092</b>	<b>168,470</b>	<b>454,562</b>
49. Railway tracks and roadbed .....	145,269	114,589	259,858	164,349	115,719	280,068	148,316	123,024	271,340
50. Signals and interlockers .....	2,518	4,084	6,602	6,066	6,443	12,509	5,580	6,679	12,259
51. Telegraph and telephone lines, underground and marine cables .....	102,003	32,937	134,940	130,219	35,934	166,153	132,196	38,767	170,963
<b>Gas and oil facilities .....</b>	<b>611,090</b>	<b>39,434</b>	<b>650,524</b>	<b>421,438</b>	<b>39,917</b>	<b>461,355</b>	<b>473,647</b>	<b>40,477</b>	<b>514,124</b>
52. Gas mains and services .....	60,420	2,527	62,947	71,567	5,067	76,634	68,473	5,442	73,915
53. Pumping stations, oil .....	4,015	1,088	5,103	2,456	1,429	3,885	7,215	1,579	8,794
54. Pumping stations, gas .....	24,719	222	24,941	16,390	262	16,652	39,445	264	39,709
55. Oil storage tanks .....	19,734	2,225	21,959	18,635	2,341	20,976	14,984	2,427	17,411
56. Gas storage tanks .....	3,105	360	3,465	322	64	386	448	22	470
57. Oil pipe lines .....	17,625	1,707	19,332	9,171	1,159	10,330	6,165	1,319	7,484
58. Gas pipe lines .....	207,543	1,572	209,115	42,611	659	43,270	40,754	662	41,416
59. Oil wells .....	121,874	6,159	128,033	125,442	4,753	130,195	164,533	4,970	169,503
60. Gas wells .....	28,389	654	29,043	40,501	1,340	41,841	33,561	1,415	34,976
61. Oil refinery - Processing units .....	89,033	22,236	111,269	72,183	21,648	93,831	51,407	21,184	72,591
62. Natural gas cleaning plants .....	34,633	684	35,317	22,160	1,195	23,355	46,662	1,193	47,855
<b>Other engineering construction .....</b>	<b>279,793</b>	<b>43,196</b>	<b>322,989</b>	<b>296,410</b>	<b>46,337</b>	<b>342,747</b>	<b>275,711</b>	<b>48,133</b>	<b>323,844</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	167,379	20,261	187,640	198,815	23,004	221,819	182,899	25,011	207,910
64. Tunnels and subways .....	36,984	126	37,110	28,636	166	28,802	27,441	167	27,608
65. Incinerators .....	636	1,234	1,870	1,448	394	1,842	1,958	350	2,308
66. Park systems, landscaping, sodding, etc. ....	5,790	3,264	9,054	7,553	2,397	9,950	6,966	2,462	9,428
67. Swimming pools, tennis courts, outdoor recreation facilities .....	2,444	894	3,338	3,164	1,072	4,236	3,119	1,201	4,320
68. Mine shafts and other below surface workings .....	33,126	2,732	35,858	23,217	3,162	26,379	21,358	3,355	24,713
69. Fences, snowsheds, signs, guard rails .....	9,008	7,877	16,885	10,272	8,157	18,429	9,913	8,490	18,403
70. Other engineering construction .....	24,426	6,808	31,234	23,305	7,985	31,290	22,057	7,097	29,154



TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1958 to 1959		Change 1959 to 1960		Type of structure	Change 1958 to 1959		Change 1959 to 1960	
	\$ mill.	%	\$ mill.	%		\$ mill.	%	\$ mill.	%
<b>Total value of construction.....</b>	<b>36</b>	<b>0.5</b>	<b>189</b>	<b>2.6</b>	<b>Road, highway and aerodrome construction.....</b>	<b>77</b>	<b>10.8</b>	<b>- 4</b>	<b>-0.5</b>
<b>Total building construction .....</b>	<b>152</b>	<b>3.7</b>	<b>172</b>	<b>4.0</b>	32. Hard surfaced or paved streets, highways, parking lots, etc.....	64	-	- 5	-
<b>Residential .....</b>	<b>1</b>	<b>-</b>	<b>-37</b>	<b>-2.7</b>	33. Gravel or stone streets, highways, roads, parking lots, etc.....	1	-	-	-
<b>Industrial .....</b>	<b>16</b>	<b>4.1</b>	<b>32</b>	<b>7.7</b>	34. Dirt, clay or other streets, roads, parking lots, etc.....	13	-	7	-
2. Factories, plants, workshops, food can- neries .....	14	-	8	-	35. Grading, scraping, oiling, filling .....	- 4	-	- 3	-
3. Mine and mine mill buildings .....	2	-	22	-	36. Sidewalks, paths .....	- 1	-	1	-
4. Railway stations, offices, roadway buildings .....	1	-	- 1	-	37. Aerodromes, landing fields, runways, tarmac .....	5	-	- 3	-
5. Railway shops, engine houses, water and fuel stations .....	- 1	-	3	-	<b>Waterworks and sewage systems .....</b>	<b>19</b>	<b>9.7</b>	<b>24</b>	<b>10.9</b>
<b>Commercial .....</b>	<b>71</b>	<b>10.4</b>	<b>92</b>	<b>12.1</b>	38. Tile drains, drainage ditches, storm sewers .....	- 8	-	-	-
6. Warehouses, storehouses, refrigerated stor- age, etc. ....	- 3	-	10	-	39. Water mains, hydrants and services .....	7	-	7	-
7. Grain elevators .....	2	-	-12	-	40. Sewage systems and connections .....	16	-	13	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1	-	- 8	-	41. Pumping stations, water.....	8	-	4	-
9. Office buildings .....	49	-	39	-	42. Water storage tanks .....	- 3	-	-	-
10. Stores, retail and wholesale.....	13	-	20	-	<b>Dams and irrigation .....</b>	<b>- 5</b>	<b>-10.1</b>	<b>- 1</b>	<b>-1.1</b>
11. Garages and service stations .....	5	-	38	-	43. Dams and reservoirs .....	- 7	-	-	-
12. Theatres, arenas, amusement and recrea- tional buildings .....	6	-	6	-	44. Irrigation and land reclamation projects ....	2	-	- 1	-
13. Laundries and dry cleaning establishments .....	- 3	-	-	-	<b>Electric power construction .....</b>	<b>- 54</b>	<b>-10.7</b>	<b>-24</b>	<b>-5.5</b>
<b>Institutional.....</b>	<b>21</b>	<b>3.9</b>	<b>95</b>	<b>16.6</b>	45. Electric power generating plants, including water conveying and controlling struc- tures .....	- 32	-	-29	-
14. Schools and other educational buildings ...	20	-	36	-	46. Electric transformer stations.....	-	-	- 2	-
15. Churches and other religious buildings ....	10	-	- 3	-	47. Power transmission and distribution lines, trolley wires.....	- 23	-	8	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	- 4	-	46	-	48. Street lighting .....	2	-	- 1	-
17. Other institutional buildings .....	- 4	-	16	-	<b>Railway, telephone and telegraph .....</b>	<b>57</b>	<b>14.3</b>	<b>- 4</b>	<b>-0.9</b>
<b>Other building construction.....</b>	<b>42</b>	<b>15.2</b>	<b>- 9</b>	<b>-2.8</b>	49. Railway tracks and roadbed.....	20	-	- 9	-
18. Farm buildings (excluding dwellings).....	19	-	-	-	50. Signals and interlockers.....	6	-	-	-
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	3	-	3	-	51. Telegraph and telephone lines, underground and marine cables .....	31	-	5	-
20. Aeroplane hangars.....	14	-	- 3	-	<b>Gas and oil facilities .....</b>	<b>-189</b>	<b>-29.1</b>	<b>53</b>	<b>11.4</b>
21. Passenger terminals, bus, boat or air .....	2	-	- 2	-	52. Gas mains and services .....	14	-	- 3	-
22. Armouries, barracks, drill halls, etc.....	1	-	- 1	-	53. Pumping stations, oil .....	- 1	-	5	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	3	-	- 5	-	54. Pumping stations, gas .....	- 8	-	23	-
24. Other building construction .....	2	-	- 2	-	55. Oil storage tanks.....	- 1	-	- 4	-
<b>Total engineering construction .....</b>	<b>-116</b>	<b>- 3.9</b>	<b>16</b>	<b>0.6</b>	56. Gas storage tanks .....	- 3	-	-	-
<b>Marine construction .....</b>	<b>- 41</b>	<b>-26.6</b>	<b>- 8</b>	<b>-6.9</b>	57. Oil pipe lines.....	- 9	-	- 3	-
25. Docks, wharves, piers, breakwaters .....	3	-	- 3	-	58. Gas pipe lines .....	-166	-	- 2	-
26. Retaining walls, embankments, riprapping .....	1	-	1	-	59. Oil wells .....	2	-	39	-
27. Canals and waterways .....	- 27	-	4	-	60. Gas wells .....	13	-	- 7	-
28. Dredging and pile driving.....	- 19	-	- 9	-	61. Oil refinery—processing units .....	- 17	-	-21	-
29. Dyke construction .....	1	-	-	-	62. Natural gas cleaning plants.....	- 12	-	25	-
30. Logging booms.....	-	-	-	-	<b>Other engineering construction .....</b>	<b>20</b>	<b>6.1</b>	<b>-19</b>	<b>-5.5</b>
31. Other marine construction .....	-	-	- 1	-	63. Bridges, trestles, culverts, overpasses, viaducts .....	34	-	-14	-
					64. Tunnels and subways .....	- 8	-	- 1	-
					65. Incinerators .....	-	-	-	-
					66. Park systems, landscaping, sodding, etc... ..	1	-	- 1	-
					67. Swimming pools, tennis courts, outdoor re- creation facilities .....	1	-	-	-
					68. Mine shafts and other below surface workings .....	- 9	-	- 2	-
					69. Fences, snowsheds, signs, guard rails .....	2	-	-	-
					70. Other engineering construction .....	-	-	- 2	-



**TABLE 9. By Principal Types of Construction for Industry or Sector**

	1958			1959			1960		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Total .....</b>	<b>4,101,751</b>	<b>2,990,730</b>	<b>7,092,481</b>	<b>4,253,806</b>	<b>2,874,779</b>	<b>7,128,585</b>	<b>4,426,036</b>	<b>2,891,204</b>	<b>7,317,240</b>
Agriculture and fishing .....	155,610	18,590	174,200	172,890	20,510	193,400	174,420	20,680	195,100
Forestry .....	7,829	27,097	34,926	6,022	29,748	35,770	7,797	37,459	45,256
Mining, quarrying and oil wells .....	45,003	219,811	264,814	55,731	231,374	287,105	76,184	265,797	341,981
Construction .....	17,868	2,179	20,047	18,044	2,202	20,246	18,406	2,245	20,651
Manufacturing .....	316,916	190,865	507,781	327,156	148,420	475,576	332,616	137,449	470,065
Utilities .....	140,146	1,516,012	1,656,158	148,194	1,276,719	1,424,913	163,588	1,256,619	1,420,207
Trade—Wholesale and retail .....	212,016	17,080	229,096	186,687	18,868	205,555	202,516	15,226	217,742
Finance, insurance and real estate .....	158,104	4,508	162,612	210,953	4,543	215,496	262,542	4,505	267,047
Commercial services .....	67,606	344	67,950	70,386	452	70,838	71,180	401	71,581
Housing .....	2,189,000	—	2,189,000	2,189,600	—	2,189,600	2,152,700	—	2,152,700
Institutional services .....	504,735	1,187	505,922	526,318	1,411	527,729	611,495	1,581	613,076
Government departments .....	286,918	993,057	1,279,975	341,825	1,140,532	1,482,357	352,592	1,149,242	1,501,834

**TABLE 10. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1958 to 1959						Change 1959 to 1960					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%
<b>Total .....</b>	<b>152</b>	<b>3.7</b>	<b>-116</b>	<b>- 3.9</b>	<b>36</b>	<b>0.5</b>	<b>172</b>	<b>4.0</b>	<b>16</b>	<b>0.6</b>	<b>189</b>	<b>2.6</b>
Agriculture and fishing .....	17	11.1	2	10.3	19	11.0	2	0.9	—	0.8	2	0.9
Forestry .....	- 2	-23.1	3	9.8	1	2.4	2	29.5	8	25.9	9	26.5
Mining, quarrying and oil wells .....	11	23.8	12	5.3	22	8.4	20	36.7	34	14.9	55	19.1
Construction .....	—	1.0	—	1.1	—	1.0	—	2.0	—	2.0	—	2.0
Manufacturing .....	10	3.2	- 42	-22.2	- 32	- 6.3	5	1.7	-11	- 7.4	- 6	-11.2
Utilities .....	8	5.7	-239	-15.8	-231	-14.0	15	10.4	-20	- 1.6	- 5	- 0.3
Trade—Wholesale and retail .....	-25	-11.5	2	10.5	- 24	-10.3	16	8.5	- 4	-19.3	12	5.9
Finance, insurance and real estate .....	53	33.4	—	0.8	53	32.5	52	24.5	—	- 0.8	51	23.9
Commercial services .....	3	4.1	—	31.4	3	4.3	1	1.1	—	-11.3	1	1.0
Housing .....	1	—	—	—	1	—	-37	-1.7	—	—	-37	- 1.7
Institutional services .....	22	4.3	—	18.9	22	4.3	85	16.2	—	12.0	85	16.2
Government departments .....	55	19.1	147	14.9	202	15.8	11	3.1	9	0.8	19	1.3

VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE—INDUSTRY OR SECTOR 1958-60<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>377,681</b>	<b>116,306</b>	<b>493,987</b>	<b>412,365</b>	<b>124,156</b>	<b>536,521</b>	<b>477,555</b>	<b>125,433</b>	<b>602,988</b>
<b>Total building construction</b> .....	<b>146,729</b>	<b>79,581</b>	<b>226,310</b>	<b>165,351</b>	<b>87,336</b>	<b>252,687</b>	<b>188,335</b>	<b>88,472</b>	<b>276,807</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>35,746</b>	<b>8,391</b>	<b>44,137</b>	<b>37,535</b>	<b>9,020</b>	<b>46,555</b>	<b>57,784</b>	<b>9,550</b>	<b>67,334</b>
2. Factories, plants, workshops, food canneries .....	6,838	1,643	8,481	7,052	1,777	8,829	5,790	1,539	7,329
3. Mine and mine mill buildings .....	28,772	6,745	35,517	30,473	7,237	37,710	51,798	7,882	59,680
4. Railway stations, offices, roadway buildings .....	136	2	138	10	2	12	—	3	3
5. Railway shops, engine houses, water and fuel stations .....	—	1	1	—	4	4	196	126	322
<b>Commercial</b> .....	<b>13,144</b>	<b>2,307</b>	<b>15,451</b>	<b>15,751</b>	<b>2,111</b>	<b>17,862</b>	<b>18,606</b>	<b>2,014</b>	<b>20,620</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,483	1,158	5,641	5,620	1,018	6,638	4,572	909	5,481
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	19	14	33	462	41	503	422	32	454
9. Office buildings .....	7,300	972	8,272	8,254	874	9,128	11,639	900	12,539
10. Stores, retail and wholesale .....	101	34	135	70	30	100	233	26	259
11. Garages and service stations .....	849	104	953	1,009	110	1,119	731	127	858
12. Theatres, arenas, amusements and recreational buildings .....	392	20	412	336	37	373	1,009	20	1,029
13. Laundries and dry cleaning establishments .....	—	5	5	—	1	1	—	—	—
<b>Institutional</b> .....	<b>105</b>	<b>24</b>	<b>129</b>	<b>597</b>	<b>69</b>	<b>666</b>	<b>2,406</b>	<b>44</b>	<b>2,450</b>
14. Schools and other educational buildings .....	98	4	102	305	37	342	1,176	13	1,189
15. Churches and other religious buildings .....	—	2	2	29	—	29	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7	18	25	263	32	295	953	31	984
17. Other institutional buildings .....	—	—	—	—	—	—	277	—	277
<b>Other building construction</b> .....	<b>97,734</b>	<b>68,859</b>	<b>166,593</b>	<b>111,468</b>	<b>76,136</b>	<b>187,604</b>	<b>109,539</b>	<b>76,864</b>	<b>186,403</b>
18. Farm buildings (excluding dwellings) .....	90,090	65,520	155,610	100,080	72,813	172,893	100,910	73,534	174,444
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	187	39	226	25	23	48	11	20	31
20. Aeroplane hangers .....	2	—	2	—	3	3	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	13	13	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	7,385	3,032	10,417	11,304	3,287	14,591	8,562	3,299	11,861
24. Other building construction .....	70	255	325	59	10	69	56	11	67
<b>Total engineering construction</b> .....	<b>230,952</b>	<b>36,725</b>	<b>267,677</b>	<b>247,014</b>	<b>36,820</b>	<b>283,834</b>	<b>289,220</b>	<b>36,961</b>	<b>326,181</b>
<b>Marine construction</b> .....	<b>6,869</b>	<b>3,718</b>	<b>10,587</b>	<b>4,964</b>	<b>4,046</b>	<b>9,010</b>	<b>4,315</b>	<b>2,921</b>	<b>7,236</b>
25. Docks, wharves, piers, breakwaters .....	1,203	1,028	2,231	1,457	1,027	2,484	1,453	1,019	2,472
26. Retaining walls, embankments, riprapping .....	35	114	149	36	35	71	256	30	286
27. Canals and waterways .....	506	101	607	30	17	47	166	32	198
28. Dredging and pile driving .....	4,773	1,739	6,512	2,809	2,433	5,242	1,433	1,265	2,698
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	189	733	922	318	521	839	792	564	1,356
31. Other marine construction .....	163	3	166	314	13	327	215	11	226

<sup>1</sup> Actual 1958, preliminary 1959, intentions 1960.

<sup>2</sup> Primary industries include agriculture, fishing, forestry, mining, quarrying, oil wells and the construction industry.

TABLE 11. Primary Industries — Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>15,727</b>	<b>10,298</b>	<b>26,025</b>	<b>22,279</b>	<b>10,275</b>	<b>32,554</b>	<b>25,996</b>	<b>11,391</b>	<b>37,387</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	1,261	226	1,487	1,653	1,039	2,692	2,249	1,392	3,641
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	5,373	3,652	9,025	7,549	3,224	10,773	8,946	3,445	12,391
34. Dirt, clay or other streets, roads, parking lots, etc. ....	8,682	6,275	14,957	10,822	5,431	16,253	13,976	5,988	19,964
35. Grading, scraping, oiling, filling .....	285	130	415	2,165	562	2,727	369	545	914
36. Sidewalks, paths .....	115	—	115	1	—	1	15	—	15
37. Aerodromes, landing fields, runways, tarmac.....	11	15	26	89	19	108	441	21	462
<b>Waterworks and sewage systems</b> .....	<b>1,900</b>	<b>523</b>	<b>2,423</b>	<b>3,804</b>	<b>523</b>	<b>4,327</b>	<b>10,341</b>	<b>589</b>	<b>10,930</b>
38. Tile drains, drainage ditches, storm sewers .....	37	15	52	109	15	124	9	13	22
39. Water mains, hydrants and services.....	691	386	1,077	1,744	315	2,059	3,391	321	3,712
40. Sewage systems and connections.....	812	69	881	1,387	80	1,467	1,897	118	2,015
41. Pumping stations, water .....	319	51	370	452	105	557	4,821	132	4,953
42. Water storage tanks .....	41	2	43	112	8	120	223	5	228
<b>Dams and irrigation</b> .....	<b>5,812</b>	<b>4,107</b>	<b>9,919</b>	<b>5,976</b>	<b>4,377</b>	<b>10,353</b>	<b>6,089</b>	<b>4,328</b>	<b>10,417</b>
43. Dams and reservoirs.....	807	467	1,274	396	332	728	364	243	607
44. Irrigation and land reclamation projects .....	5,005	3,640	8,645	5,580	4,045	9,625	5,725	4,085	9,810
<b>Electric power construction</b> .....	<b>2,375</b>	<b>473</b>	<b>2,848</b>	<b>2,653</b>	<b>822</b>	<b>3,475</b>	<b>928</b>	<b>610</b>	<b>1,538</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,234	102	1,336	570	254	824	—	280	280
46. Electric transformer stations .....	479	28	507	110	6	116	—	18	18
47. Power transmission and distribution lines, trolley wires.....	662	323	985	1,964	556	2,520	908	304	1,212
48. Street lighting .....	—	20	20	9	6	15	20	8	28
<b>Railway, telephone and telegraph</b> .....	<b>669</b>	<b>1,989</b>	<b>2,658</b>	<b>458</b>	<b>1,301</b>	<b>1,759</b>	<b>263</b>	<b>1,240</b>	<b>1,503</b>
49. Railway tracks and roadbed .....	622	1,601	2,223	428	1,135	1,563	233	1,071	1,304
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	47	388	435	30	166	196	30	169	199
<b>Gas and oil facilities</b> .....	<b>157,141</b>	<b>7,351</b>	<b>164,492</b>	<b>176,389</b>	<b>6,449</b>	<b>182,838</b>	<b>211,993</b>	<b>6,759</b>	<b>218,752</b>
52. Gas mains and services .....	16	3	19	259	31	290	252	32	284
53. Pumping stations, oil.....	50	15	65	226	32	258	552	32	584
54. Pumping stations, gas .....	19	—	19	—	—	—	10	—	10
55. Oil storage tanks .....	2,880	180	3,060	3,582	243	3,825	3,995	194	4,189
56. Gas storage tanks.....	—	289	289	206	2	208	316	2	318
57. Oil pipe lines .....	1,307	10	1,317	289	2	291	146	4	150
58. Gas pipe lines.....	1,852	85	1,937	4,641	54	4,695	2,755	62	2,817
59. Oil wells .....	121,825	6,138	127,963	125,274	4,744	130,018	164,382	4,961	169,343
60. Gas wells.....	28,257	607	28,864	40,385	1,280	41,665	33,412	1,360	34,772
61. Oil refinery—Processing units.....	304	24	328	107	23	130	676	26	702
62. Natural gas cleaning plants .....	631	—	631	1,420	38	1,458	5,497	86	5,583
<b>Other engineering construction</b> .....	<b>40,459</b>	<b>8,266</b>	<b>48,725</b>	<b>30,491</b>	<b>9,027</b>	<b>39,518</b>	<b>29,295</b>	<b>9,123</b>	<b>38,418</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	504	178	682	268	199	467	263	267	530
64. Tunnels and subways.....	47	21	68	6	—	6	—	—	—
65. Incinerators .....	19	1	20	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	35	31	66	70	31	101	64	29	93
67. Swimming pools, tennis courts, outdoor recreation facilities ....	6	13	19	5	—	5	4	—	4
68. Mine shafts and other below surface workings.....	30,473	2,728	33,201	22,282	3,147	25,429	21,271	3,334	24,605
69. Fences, snowsheds, signs, guard rails .....	5,318	3,675	8,993	5,670	4,104	9,774	5,717	4,220	9,937
70. Other engineering construction .....	4,057	1,619	5,676	2,190	1,546	3,736	1,976	1,273	3,249



TABLE 12. Manufacturing

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>397,537</b>	<b>110,244</b>	<b>507,781</b>	<b>358,764</b>	<b>116,812</b>	<b>475,576</b>	<b>355,432</b>	<b>114,633</b>	<b>470,065</b>
<b>Total building construction .....</b>	<b>236,530</b>	<b>80,386</b>	<b>316,916</b>	<b>241,745</b>	<b>85,411</b>	<b>327,156</b>	<b>247,248</b>	<b>85,368</b>	<b>332,616</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>197,999</b>	<b>76,974</b>	<b>274,973</b>	<b>211,445</b>	<b>82,591</b>	<b>294,036</b>	<b>219,938</b>	<b>82,710</b>	<b>302,648</b>
2. Factories, plants, workshops, food canneries .....	196,360	72,957	269,317	210,510	78,842	289,352	216,736	79,269	296,005
3. Mine and mine mill buildings .....	211	18	229	32	20	52	16	23	39
4. Railway stations, offices, roadway buildings.....	-	-	-	-	3	3	-	2	2
5. Railway shops, engine houses, water and fuel stations .....	1,428	3,999	5,427	903	3,726	4,629	3,186	3,416	6,602
<b>Commercial .....</b>	<b>37,848</b>	<b>2,897</b>	<b>40,745</b>	<b>29,619</b>	<b>2,478</b>	<b>32,097</b>	<b>26,637</b>	<b>2,337</b>	<b>28,974</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,333	1,005	17,338	14,822	1,042	15,864	14,387	917	15,304
7. Grain elevators .....	69	78	147	85	41	126	62	22	84
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	174	89	263	136	113	249	55	93	148
9. Office buildings .....	20,440	1,583	22,023	13,175	1,180	14,355	10,880	1,207	12,087
10. Stores, retail and wholesale .....	487	106	593	867	80	947	1,175	69	1,244
11. Garages and service stations .....	338	9	347	455	13	468	67	12	79
12. Theatres, arenas, amusement and recreational buildings.....	7	27	34	79	9	88	11	17	28
13. Laundries and dry cleaning establishments .....	-	-	-	-	-	-	-	-	-
<b>Institutional .....</b>	<b>28</b>	<b>42</b>	<b>70</b>	<b>27</b>	<b>21</b>	<b>48</b>	<b>70</b>	<b>28</b>	<b>98</b>
14. Schools and other educational buildings .....	17	20	37	8	-	8	65	-	65
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11	22	33	19	21	40	5	28	33
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>655</b>	<b>473</b>	<b>1,128</b>	<b>654</b>	<b>321</b>	<b>975</b>	<b>603</b>	<b>293</b>	<b>896</b>
18. Farm buildings (excluding dwellings) .....	198	54	252	236	67	303	292	53	345
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	17	3	20	17	2	19	-	3	3
20. Aeroplane hangars .....	1	107	108	36	50	86	26	22	48
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	438	309	747	361	202	563	285	215	500
24. Other building construction .....	1	-	1	4	-	4	-	-	-
<b>Total engineering construction .....</b>	<b>161,007</b>	<b>29,858</b>	<b>190,865</b>	<b>117,019</b>	<b>31,401</b>	<b>148,420</b>	<b>108,184</b>	<b>29,265</b>	<b>137,449</b>
<b>Marine construction .....</b>	<b>4,732</b>	<b>1,504</b>	<b>6,236</b>	<b>4,014</b>	<b>1,359</b>	<b>5,373</b>	<b>4,621</b>	<b>1,151</b>	<b>5,772</b>
25. Docks, wharves, piers, breakwaters .....	4,574	1,069	5,643	3,964	859	4,823	3,410	715	4,125
26. Retaining walls, embankments, riprapping .....	39	18	57	44	20	64	515	15	530
27. Canals and waterways .....	21	4	25	-	-	-	25	25	50
28. Dredging and pile driving .....	57	275	332	-	332	332	106	275	381
29. Dyke construction .....	12	-	12	-	7	7	500	34	534
30. Logging booms .....	26	132	158	6	141	147	60	87	147
31. Other marine construction .....	3	6	9	-	-	-	5	-	5

TABLE 12. Manufacturing - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction..</b> .....	<b>3,523</b>	<b>1,409</b>	<b>4,932</b>	<b>3,278</b>	<b>1,285</b>	<b>4,563</b>	<b>2,160</b>	<b>1,181</b>	<b>3,341</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	1,932	694	2,626	1,638	662	2,300	1,508	581	2,089
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	814	271	1,085	427	383	810	215	325	540
34. Dirt, clay or other streets, roads, parking lots, etc. ....	377	359	736	312	186	498	332	202	534
35. Grading, scraping, oiling, filling .....	345	51	396	863	35	898	89	35	124
36. Sidewalks, paths .....	24	34	58	38	16	54	16	18	34
37. Aerodromes, landing fields, runways, tarmac .....	31	—	31	—	3	3	—	20	20
<b>Waterworks and sewage systems</b> .....	<b>3,789</b>	<b>1,159</b>	<b>4,948</b>	<b>2,610</b>	<b>1,099</b>	<b>3,709</b>	<b>2,488</b>	<b>696</b>	<b>3,184</b>
38. Tile drains, drainage ditches, storm sewers .....	330	143	473	296	24	320	149	14	163
39. Water mains, hydrants and services .....	2,244	465	2,709	1,301	479	1,780	678	369	1,047
40. Sewage systems and connections .....	879	368	1,247	673	412	1,085	1,040	158	1,198
41. Pumping stations, water .....	147	140	287	180	142	322	338	148	486
42. Water storage tanks .....	189	43	232	160	42	202	283	7	290
<b>Dams and irrigation</b> .....	<b>71</b>	<b>164</b>	<b>235</b>	<b>222</b>	<b>216</b>	<b>438</b>	<b>663</b>	<b>48</b>	<b>711</b>
43. Dams and reservoirs .....	70	164	234	202	216	418	663	48	711
44. Irrigation and land reclamation projects .....	1	—	1	20	—	20	—	—	—
<b>Electric power construction</b> .....	<b>5,045</b>	<b>742</b>	<b>5,787</b>	<b>3,080</b>	<b>1,409</b>	<b>4,489</b>	<b>1,166</b>	<b>1,666</b>	<b>2,832</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,385	357	2,742	1,247	1,062	2,309	326	1,311	1,637
46. Electric transformer stations .....	1,482	95	1,577	939	122	1,061	556	106	662
47. Power transmission and distribution lines, trolley wires .....	1,156	271	1,427	824	202	1,026	269	217	486
48. Street lighting .....	22	19	41	70	23	93	15	32	47
<b>Railway, telephone and telegraph</b> .....	<b>922</b>	<b>659</b>	<b>1,581</b>	<b>847</b>	<b>883</b>	<b>1,730</b>	<b>492</b>	<b>757</b>	<b>1,249</b>
49. Railway tracks and roadbed .....	896	636	1,532	827	864	1,691	473	734	1,207
50. Signals and interlockers .....	—	—	—	—	—	—	11	—	11
51. Telegraph and telephone lines, underground and marine cables .....	26	23	49	20	19	39	8	23	31
<b>Gas and oil facilities</b> .....	<b>138,797</b>	<b>23,730</b>	<b>162,527</b>	<b>101,048</b>	<b>23,685</b>	<b>124,733</b>	<b>95,090</b>	<b>23,201</b>	<b>118,291</b>
52. Gas mains and services .....	164	44	208	5	19	24	184	16	200
53. Pumping stations, oil .....	35	10	45	176	4	180	106	4	110
54. Pumping stations, gas .....	1,054	—	1,054	5	—	5	6	—	6
55. Oil storage tanks.. .....	7,439	654	8,093	5,593	731	6,324	2,284	770	3,054
56. Gas storage tanks .....	3,011	1	3,012	82	—	82	3	1	4
57. Oil pipe lines .....	735	109	844	2,096	40	2,136	283	52	335
58. Gas pipe lines .....	3,742	9	3,751	178	105	283	225	86	311
59. Oil wells .....	14	21	35	168	9	177	151	9	160
60. Gas wells .....	35	25	60	—	40	40	29	37	66
61. Oil refinery - Processing units .....	88,729	22,212	110,941	72,076	21,625	93,701	50,731	21,158	71,889
62. Natural gas cleaning plants .....	33,839	645	34,484	20,669	1,112	21,781	41,088	1,068	42,156
<b>Other engineering construction</b> .....	<b>4,128</b>	<b>491</b>	<b>4,619</b>	<b>1,920</b>	<b>1,465</b>	<b>3,385</b>	<b>1,504</b>	<b>565</b>	<b>2,069</b>
63. Bridges, trestles, culverts, overpasses, viaducts.. .....	868	11	877	42	270	312	29	193	222
64. Tunnels and subways .....	6	3	9	23	—	23	38	2	40
65. Incinerators .....	23	6	29	9	6	15	5	21	26
66. Park systems, landscaping, sodding, etc. ....	37	300	337	166	221	387	144	210	354
67. Swimming pools, tennis courts, outdoor recreation facilities ....	25	8	33	—	1	1	12	9	21
68. Mine shafts and other below surface workings .....	2,653	4	2,657	935	15	950	87	21	108
69. Fences, snowsheds, signs, guard rails .....	227	58	285	146	27	173	126	39	165
70. Other engineering construction .....	291	101	392	599	925	1,524	1,063	70	1,133

TABLE 13. Utilities

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,405,385</b>	<b>250,773</b>	<b>1,656,158</b>	<b>1,157,261</b>	<b>267,652</b>	<b>1,424,913</b>	<b>1,134,575</b>	<b>285,632</b>	<b>1,420,207</b>
<b>Total building construction .....</b>	<b>109,212</b>	<b>30,934</b>	<b>140,146</b>	<b>116,995</b>	<b>31,199</b>	<b>148,194</b>	<b>129,961</b>	<b>33,627</b>	<b>163,588</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Industrial .....</b>	<b>31,067</b>	<b>18,343</b>	<b>49,410</b>	<b>21,545</b>	<b>18,713</b>	<b>40,258</b>	<b>24,492</b>	<b>19,989</b>	<b>44,481</b>
2. Factories, plants, workshops, food canneries .....	11,135	1,634	12,769	1,573	1,306	2,879	6,199	1,394	7,593
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	12,356	12,105	24,461	12,925	12,581	25,506	11,067	13,237	24,304
5. Railway shops, engine houses, water and fuel stations .....	7,576	4,604	12,180	7,047	4,826	11,873	7,226	5,358	12,584
<b>Commercial .....</b>	<b>39,409</b>	<b>10,208</b>	<b>49,617</b>	<b>42,235</b>	<b>10,117</b>	<b>52,352</b>	<b>51,231</b>	<b>11,307</b>	<b>62,538</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9,811	2,107	11,918	6,689	2,007	8,696	10,479	2,251	12,730
7. Grain elevators .....	19,725	6,043	25,768	18,285	5,380	23,665	10,439	5,679	16,118
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	212	—	212	84	—	84	10	—	10
9. Office buildings .....	5,918	1,238	7,156	11,972	1,444	13,416	22,887	1,920	24,807
10. Stores, retail and wholesale .....	—	5	5	—	6	6	—	—	—
11. Garages and service stations .....	3,743	796	4,539	5,149	1,269	6,418	7,416	1,455	8,871
12. Theatres, arenas, amusement and recreational buildings .....	—	15	15	56	10	66	—	2	2
13. Laundries and dry cleaning establishments .....	—	4	4	—	1	1	—	—	—
<b>Institutional .....</b>	<b>96</b>	<b>11</b>	<b>107</b>	<b>159</b>	<b>7</b>	<b>166</b>	<b>—</b>	<b>8</b>	<b>8</b>
14. Schools and other educational buildings .....	96	5	101	10	2	12	—	6	6
15. Churches and other religious buildings .....	—	2	2	149	3	152	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	4	4	—	2	2	—	2	2
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>38,640</b>	<b>2,372</b>	<b>41,012</b>	<b>53,056</b>	<b>2,362</b>	<b>55,418</b>	<b>54,238</b>	<b>2,323</b>	<b>56,561</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	34,824	1,433	36,257	36,907	1,498	38,405	40,517	1,693	42,210
20. Aeroplane hangars .....	2,213	113	2,326	15,338	466	15,804	12,496	367	12,863
21. Passenger terminals, bus, boat or air .....	309	92	401	50	239	289	21	168	189
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	1	1
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,256	416	1,672	739	158	897	1,204	94	1,298
24. Other building construction .....	38	318	356	22	1	23	—	—	—
<b>Total engineering construction .....</b>	<b>1,296,173</b>	<b>219,839</b>	<b>1,516,012</b>	<b>1,040,266</b>	<b>236,453</b>	<b>1,276,719</b>	<b>1,004,614</b>	<b>252,005</b>	<b>1,256,619</b>
<b>Marine construction .....</b>	<b>90,128</b>	<b>1,671</b>	<b>91,799</b>	<b>44,216</b>	<b>2,491</b>	<b>46,707</b>	<b>43,387</b>	<b>2,356</b>	<b>45,743</b>
25. Docks, wharves, piers, breakwaters .....	19,316	1,174	20,490	17,501	1,631	19,132	19,704	1,688	21,392
26. Retaining walls, embankments, riprapping .....	64	31	95	29	23	52	123	14	137
27. Canals and waterways .....	33,966	235	34,201	7,546	17	7,563	11,506	22	11,528
28. Dredging and pile driving .....	36,560	195	36,755	18,374	702	19,076	12,048	562	12,610
29. Dyke construction .....	—	—	—	—	—	—	—	1	1
30. Logging booms .....	19	2	21	2	59	61	6	22	28
31. Other marine construction .....	203	34	237	764	59	823	—	47	47



TABLE 13. Utilities — Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>19,391</b>	<b>699</b>	<b>20,090</b>	<b>11,804</b>	<b>972</b>	<b>12,776</b>	<b>1,189</b>	<b>589</b>	<b>1,778</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	18,085	315	18,400	11,018	470	11,488	527	224	751
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	832	165	997	552	393	945	508	245	753
34. Dirt, clay or other streets, roads, parking lots, etc. ....	269	130	399	—	32	32	—	40	40
35. Grading, scraping, oiling, filling .....	202	77	279	232	71	303	154	76	230
36. Sidewalks, paths .....	3	12	15	2	2	4	—	4	4
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	4	4	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>66,604</b>	<b>14,124</b>	<b>80,728</b>	<b>78,443</b>	<b>13,819</b>	<b>92,262</b>	<b>89,123</b>	<b>14,604</b>	<b>103,727</b>
38. Tile drains, drainage ditches, storm sewers .....	729	13	742	330	7	337	45	5	50
39. Water mains, hydrants and services .....	51,755	12,747	64,502	58,577	10,862	69,439	62,648	13,332	75,980
40. Sewage systems and connections .....	3,921	34	3,955	6,275	39	6,314	11,580	41	11,621
41. Pumping stations, water .....	5,223	1,001	6,224	10,702	2,867	13,569	12,296	1,192	13,488
42. Water storage tanks .....	4,976	329	5,305	2,559	44	2,603	2,554	34	2,588
<b>Dams and irrigation .....</b>	<b>28,363</b>	<b>1,190</b>	<b>29,553</b>	<b>20,245</b>	<b>788</b>	<b>21,033</b>	<b>20,282</b>	<b>797</b>	<b>21,079</b>
43. Dams and reservoirs .....	28,363	1,190	29,553	20,215	788	21,003	20,252	797	21,049
44. Irrigation and land reclamation projects .....	—	—	—	30	—	30	30	—	30
<b>Electric power construction .....</b>	<b>442,042</b>	<b>39,218</b>	<b>481,260</b>	<b>384,686</b>	<b>42,079</b>	<b>426,765</b>	<b>361,260</b>	<b>45,188</b>	<b>406,448</b>
45. Electric power generating plants, including water conveying and controlling structures .....	215,600	8,043	223,643	184,897	7,868	192,765	156,405	8,394	164,799
46. Electric transformer stations .....	45,327	5,342	50,669	44,167	6,749	50,916	41,651	7,536	49,187
47. Power transmission and distribution lines, trolley wires .....	175,790	24,117	199,907	149,757	25,642	175,399	157,917	27,278	185,195
48. Street lighting .....	5,325	1,716	7,041	5,865	1,820	7,685	5,287	1,980	7,267
<b>Railway, telephone and telegraph .....</b>	<b>246,939</b>	<b>148,444</b>	<b>395,383</b>	<b>298,836</b>	<b>155,448</b>	<b>454,284</b>	<b>284,875</b>	<b>166,016</b>	<b>450,891</b>
49. Railway tracks and roadbed .....	143,596	112,042	255,638	162,956	113,417	276,373	147,463	120,924	268,387
50. Signals and interlockers .....	2,518	4,084	6,602	6,066	6,443	12,509	5,569	6,679	12,248
51. Telegraph and telephone lines, underground and marine cables	100,825	32,318	133,143	129,814	35,588	165,402	131,843	38,413	170,256
<b>Gas and oil facilities .....</b>	<b>306,213</b>	<b>7,012</b>	<b>313,225</b>	<b>133,521</b>	<b>8,463</b>	<b>141,984</b>	<b>157,656</b>	<b>9,160</b>	<b>166,816</b>
52. Gas mains and services .....	60,240	2,477	62,717	71,290	5,007	76,297	68,037	5,394	73,431
53. Pumping stations, oil .....	3,930	1,063	4,993	2,054	1,393	3,447	6,557	1,543	8,100
54. Pumping stations, gas .....	23,614	216	23,830	16,372	257	16,629	39,347	258	39,605
55. Oil storage tanks .....	886	79	965	527	95	622	148	149	297
56. Gas storage tanks .....	82	62	144	14	51	65	125	5	130
57. Oil pipe lines .....	15,254	1,576	16,830	5,286	1,095	6,381	5,472	1,240	6,712
58. Gas pipe lines .....	201,947	1,478	203,425	37,791	500	38,291	37,773	514	38,287
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	97	22	119	116	20	136	120	18	138
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	163	39	202	71	45	116	77	39	116
<b>Other engineering construction .....</b>	<b>96,493</b>	<b>7,481</b>	<b>103,974</b>	<b>68,515</b>	<b>12,393</b>	<b>80,908</b>	<b>46,842</b>	<b>13,295</b>	<b>60,137</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	62,496	5,612	68,108	41,271	9,600	50,871	26,061	10,373	36,434
64. Tunnels and subways .....	32,292	41	32,333	22,955	68	23,023	17,728	62	17,790
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	119	36	155	468	17	485	322	25	347
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	11	11	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,044	1,199	2,243	2,365	2,236	4,601	2,020	2,415	4,435
70. Other engineering construction .....	542	582	1,124	1,456	472	1,928	711	420	1,131

TABLE 14. Trade Finance and Commercial Services

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>396,634</b>	<b>63,024</b>	<b>459,658</b>	<b>433,168</b>	<b>58,721</b>	<b>491,889</b>	<b>498,829</b>	<b>57,541</b>	<b>556,370</b>
<b>Total building construction .....</b>	<b>376,876</b>	<b>60,850</b>	<b>437,726</b>	<b>411,754</b>	<b>56,272</b>	<b>468,026</b>	<b>481,001</b>	<b>55,237</b>	<b>536,238</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>4,844</b>	<b>567</b>	<b>5,411</b>	<b>3,990</b>	<b>579</b>	<b>4,569</b>	<b>2,900</b>	<b>489</b>	<b>3,389</b>
2. Factories, plants, workshops, food canneries .....	4,844	567	5,411	3,990	579	4,569	2,900	489	3,389
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>369,721</b>	<b>60,071</b>	<b>429,792</b>	<b>403,851</b>	<b>55,469</b>	<b>459,320</b>	<b>475,149</b>	<b>54,570</b>	<b>529,719</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	22,849	4,245	27,094	23,755	3,603	27,358	30,375	4,690	35,065
7. Grain elevators .....	—	—	—	3,476	871	4,347	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	32,232	13,211	45,443	31,913	12,163	44,076	28,523	9,669	38,192
9. Office buildings .....	104,677	10,850	115,527	114,444	9,293	123,737	125,956	9,569	135,525
10. Stores, retail and wholesale .....	170,866	23,963	194,829	185,972	21,907	207,879	206,446	20,964	227,410
11. Garages and service stations .....	26,508	5,625	32,133	29,902	5,574	35,476	64,703	7,712	72,415
12. Theatres, arenas, amusement and recreational buildings .....	8,587	1,266	9,853	13,527	1,124	14,651	18,288	1,167	19,455
13. Laundries and dry cleaning establishments .....	4,002	911	4,913	862	934	1,796	858	799	1,657
<b>Institutional .....</b>	<b>2,099</b>	<b>204</b>	<b>2,303</b>	<b>3,595</b>	<b>210</b>	<b>3,805</b>	<b>2,912</b>	<b>177</b>	<b>3,089</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,099	204	2,303	2,076	195	2,271	2,195	160	2,355
17. Other institutional buildings .....	—	—	—	1,519	15	1,534	717	17	734
<b>Other building construction .....</b>	<b>212</b>	<b>8</b>	<b>220</b>	<b>318</b>	<b>14</b>	<b>332</b>	<b>40</b>	<b>1</b>	<b>41</b>
18. Farm buildings (excluding dwellings) .....	212	8	220	300	4	304	40	1	41
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	2	—	2	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Other building construction .....	—	—	—	16	10	26	—	—	—
<b>Total engineering construction .....</b>	<b>19,758</b>	<b>2,174</b>	<b>21,932</b>	<b>21,414</b>	<b>2,449</b>	<b>23,863</b>	<b>17,828</b>	<b>2,304</b>	<b>20,132</b>
<b>Marine construction .....</b>	<b>222</b>	<b>48</b>	<b>270</b>	<b>987</b>	<b>119</b>	<b>1,106</b>	<b>210</b>	<b>113</b>	<b>323</b>
25. Docks, wharves, piers, breakwaters .....	171	48	219	986	113	1,099	210	107	317
26. Retaining walls, embankments, riprapping .....	44	—	44	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	6	6	—	6	6
29. Dyke construction .....	7	—	7	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	1	—	1	—	—	—

TABLE 14. Trade Finance and Commercial Services - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>7,325</b>	<b>575</b>	<b>7,900</b>	<b>6,650</b>	<b>651</b>	<b>7,301</b>	<b>5,799</b>	<b>482</b>	<b>6,281</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	6,131	484	6,615	5,279	518	5,797	4,896	358	5,254
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	301	53	354	368	71	439	182	74	256
34. Dirt, clay or other streets, roads, parking lots, etc. ....	56	2	58	38	5	43	30	3	33
35. Grading, scraping, oiling, filling .....	520	36	556	647	57	704	376	47	423
36. Sidewalks, paths .....	317	—	317	318	—	318	315	—	315
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>2,006</b>	<b>17</b>	<b>2,023</b>	<b>2,027</b>	<b>25</b>	<b>2,052</b>	<b>1,904</b>	<b>24</b>	<b>1,928</b>
38. Tile drains, drainage ditches, storm sewers .....	530	8	538	510	5	515	502	4	506
39. Water mains, hydrants and services .....	532	—	532	581	6	587	514	6	520
40. Sewage systems and connections .....	942	9	951	935	14	949	887	14	901
41. Pumping stations, water .....	2	—	2	1	—	1	1	—	1
42. Water storage tanks .....	—	—	—	—	—	—	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>
43. Dams and reservoirs .....	—	—	—	—	—	—	—	3	3
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>98</b>	<b>—</b>	<b>98</b>	<b>112</b>	<b>12</b>	<b>124</b>	<b>130</b>	<b>8</b>	<b>138</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	—	5	5	—	—	—
46. Electric transformer stations .....	—	—	—	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires .....	64	—	64	39	—	39	39	—	39
48. Street lighting .....	34	—	34	73	7	80	91	8	99
<b>Railway, telephone and telegraph .....</b>	<b>59</b>	<b>4</b>	<b>63</b>	<b>24</b>	<b>16</b>	<b>40</b>	<b>45</b>	<b>11</b>	<b>56</b>
49. Railway tracks and roadbed .....	59	4	63	24	16	40	45	11	56
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables ..	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities .....</b>	<b>8,937</b>	<b>1,318</b>	<b>10,255</b>	<b>10,464</b>	<b>1,288</b>	<b>11,752</b>	<b>8,905</b>	<b>1,335</b>	<b>10,240</b>
52. Gas mains and services .....	—	3	3	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	32	6	38	13	5	18	82	6	88
55. Oil storage tanks .....	8,527	1,289	9,816	8,931	1,250	10,181	8,555	1,292	9,847
56. Gas storage tanks .....	12	8	20	20	11	31	4	14	18
57. Oil pipe lines .....	329	12	341	1,500	22	1,522	264	23	287
58. Gas pipe lines .....	2	—	2	—	—	—	—	—	—
59. Oil wells .....	35	—	35	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery - Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>1,111</b>	<b>212</b>	<b>1,323</b>	<b>1,150</b>	<b>338</b>	<b>1,488</b>	<b>835</b>	<b>328</b>	<b>1,163</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	111	—	111	87	9	96	85	10	95
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	90	33	123	31	—	31	36	—	36
67. Swimming pools, tennis courts, outdoor recreation facilities ..	19	140	159	2	284	286	80	280	360
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	440	38	478	330	35	365	448	38	486
70. Other engineering construction .....	451	1	452	700	10	710	186	—	186



TABLE 15. Federal Government

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>289,233</b>	<b>62,942</b>	<b>352,175</b>	<b>337,524</b>	<b>59,033</b>	<b>396,557</b>	<b>298,612</b>	<b>58,622</b>	<b>357,234</b>
<b>Total building construction .....</b>	<b>157,961</b>	<b>37,140</b>	<b>195,101</b>	<b>185,145</b>	<b>35,168</b>	<b>220,313</b>	<b>164,029</b>	<b>34,919</b>	<b>198,948</b>
2. Factories, plants, workshops, food canneries .....	13,337	3,303	16,640	15,839	3,155	18,994	14,058	3,130	17,188
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,368	1,666	8,034	7,643	1,584	9,227	6,774	1,571	8,345
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,328	786	4,114	3,932	743	4,675	3,495	737	4,232
9. Office buildings.....	68,160	8,937	77,097	78,582	8,662	87,244	69,771	8,604	78,375
10. Stores, retail and wholesale .....	293	71	364	340	66	406	299	66	365
11. Garages and service stations .....	5,132	538	5,670	6,307	503	6,810	5,567	498	6,065
12. Theatres, arenas, amusement and recreational buildings .....	2,723	760	3,483	3,201	684	3,885	2,848	679	3,527
14. Schools and other educational buildings .....	12,611	1,424	14,035	14,796	1,351	16,147	13,066	1,338	14,404
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,189	1,110	9,299	9,424	1,072	10,496	8,355	1,064	9,419
17. Other institutional buildings .....	426	533	959	527	501	1,028	463	495	958
18. Farm buildings (excluding dwellings) .....	5,274	208	5,482	6,241	189	6,430	5,543	188	5,731
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	3,754	754	4,508	4,379	705	5,084	3,861	698	4,559
20. Aeroplane hangars.....	1,341	2,205	3,546	1,928	1,990	3,918	1,703	1,977	3,680
21. Passenger terminals, bus, boat or air .....	11,808	11	11,819	13,636	10	13,646	11,976	10	11,986
22. Armouries, barracks, drill halls, etc.....	10,095	13,979	24,074	11,949	13,178	25,127	10,555	13,094	23,649
24. Other building construction .....	5,122	855	5,977	6,421	775	7,196	5,695	770	6,465
<b>Total engineering construction .....</b>	<b>131,272</b>	<b>25,802</b>	<b>157,074</b>	<b>152,379</b>	<b>23,865</b>	<b>176,244</b>	<b>134,583</b>	<b>23,703</b>	<b>158,286</b>
25. Docks, wharves, piers, breakwaters.....	26,754	3,368	30,122	31,733	3,001	34,734	28,117	2,980	31,097
26. Retaining walls, embankments, riprapping .....	1,644	308	1,952	1,864	302	2,166	1,643	299	1,942
27. Canals and waterways .....	438	1,078	1,516	513	1,084	1,597	458	1,076	1,534
28. Dredging and pile driving.....	3,221	2,242	5,463	3,767	1,919	5,686	3,335	1,907	5,242
29. Dyke construction .....	1,284	189	1,473	1,858	167	2,025	1,636	166	1,802
31. Other marine construction .....	2,531	205	2,736	2,830	183	3,013	2,500	183	2,683
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	24,727	1,348	26,075	28,467	1,277	29,744	25,078	1,267	26,345
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,198	2,705	6,903	5,114	2,471	7,585	4,513	2,456	6,969
34. Dirt, clay or other streets, roads, parking lots, etc. ....	789	270	1,059	1,219	239	1,458	1,073	238	1,311
35. Grading, scraping, oiling, filling .....	387	781	1,168	562	710	1,272	495	706	1,201
37. Aerodromes, landing fields, runways, tarmac .....	27,409	2,574	29,983	31,820	2,574	34,394	28,103	2,558	30,661
38. Tile drains, drainage ditches, storm sewers.....	188	1,150	1,338	268	1,055	1,323	235	1,047	1,282
39. Water mains, hydrants and services .....	2,398	681	3,079	2,787	636	3,423	2,462	630	3,092
40. Sewage systems and connections .....	1,433	457	1,890	1,692	431	2,123	1,494	428	1,922
43. Dams and reservoirs .....	3,356	1,155	4,511	4,073	1,037	5,110	3,591	1,031	4,622
44. Irrigation and land reclamation projects .....	2,655	550	3,205	3,657	468	4,125	3,223	466	3,689
45. Electric power generating plants, including water conveying and controlling structures .....	1,245	256	1,501	1,374	239	1,613	1,209	238	1,447
46. Electric transformer stations.....	520	148	668	584	141	725	516	140	656
47. Power transmission and distribution lines, trolley wires .....	1,118	647	1,765	1,358	601	1,959	1,201	594	1,795
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,976	1,259	10,235	9,911	1,231	11,142	8,737	1,223	9,960
66. Park systems, landscaping, sodding, etc.....	2,514	1,178	3,692	3,136	1,122	4,258	2,766	1,114	3,880
67. Swimming pools, tennis courts, outdoor recreation facilities....	1,093	195	1,288	1,389	176	1,565	1,229	176	1,405
69. Fences, snowsheds, signs, guard rails .....	1,180	1,680	2,860	1,461	1,514	2,975	1,289	1,505	2,794
70. Other engineering construction .....	11,214	1,378	12,592	10,942	1,287	12,229	9,680	1,275	10,955

TABLE 16. Provincial Governments

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>437, 700</b>	<b>122, 200</b>	<b>559, 900</b>	<b>552, 300</b>	<b>129, 100</b>	<b>681, 400</b>	<b>561, 200</b>	<b>132, 600</b>	<b>693, 800</b>
<b>Total building construction .....</b>	<b>33, 720</b>	<b>13, 933</b>	<b>47, 653</b>	<b>54, 244</b>	<b>12, 106</b>	<b>66, 350</b>	<b>76, 777</b>	<b>10, 610</b>	<b>87, 387</b>
2. Factories, plants, workshops, food canneries .....	915	371	1, 286	2, 391	28	2, 419	2, 640	23	2, 663
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 351	1, 346	3, 697	1, 491	1, 046	2, 537	2, 213	843	3, 056
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	236	23	259	424	35	459	233	35	268
9. Office buildings .....	14, 341	6, 275	20, 616	43, 005	9, 170	52, 175	64, 644	7, 149	71, 793
11. Garages and service stations .....	2, 147	43	2, 190	96	15	111	96	5	101
12. Theatres, arenas, amusement and recreational buildings .....	469	398	867	244	83	327	818	35	853
17. Other institutional buildings .....	10, 211	4, 469	14, 680	5, 039	1, 556	6, 595	4, 913	2, 373	7, 286
24. Other building construction .....	3, 050	1, 008	4, 058	1, 554	173	1, 727	1, 220	147	1, 367
<b>Total engineering construction .....</b>	<b>403, 980</b>	<b>108, 267</b>	<b>512, 247</b>	<b>498, 056</b>	<b>116, 994</b>	<b>615, 050</b>	<b>484, 423</b>	<b>121, 990</b>	<b>606, 413</b>
25. Docks, wharves, piers, breakwaters .....	642	38	680	826	110	936	840	108	948
31. Other marine construction .....	438	246	684	628	—	628	644	—	644
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	229, 048	44, 666	273, 714	279, 983	63, 893	343, 876	274, 216	66, 012	340, 228
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	57, 755	46, 852	104, 607	64, 921	37, 664	102, 585	60, 108	39, 728	99, 836
34. Dirt, clay or other streets, roads, parking lots, etc. ....	6, 436	2, 167	8, 603	20, 793	2, 280	23, 073	23, 600	3, 032	26, 632
35. Grading, scraping, oiling, filling .....	15, 357	1, 196	16, 553	8, 052	1, 060	9, 112	8, 180	1, 059	9, 239
38. Tile drains, drainage ditches, storm sewers .....	11, 001	62	11, 063	898	874	1, 772	1, 322	1, 029	2, 351
39. Water mains, hydrants and services .....	300	8	308	1, 297	7	1, 304	1, 227	17	1, 244
43. Dams and reservoirs .....	111	10	121	969	869	1, 838	1, 492	774	2, 266
44. Irrigation and land reclamation projects .....	2, 621	4	2, 625	1, 769	419	2, 188	1, 741	55	1, 796
63. Bridges, trestles, culverts, overpasses, viaducts .....	75, 639	10, 499	86, 138	114, 452	9, 366	123, 818	107, 692	9, 563	117, 255
66. Park systems, landscaping, sodding, etc. ....	1, 456	1, 136	2, 592	2, 015	304	2, 319	1, 755	329	2, 084
67. Swimming pools, tennis courts, outdoor recreation facilities ....	403	43	446	739	83	822	826	167	993
69. Fences, snowsheds, signs, guard rails .....	549	1, 027	1, 576	44	22	66	37	33	70
70. Other engineering construction .....	2, 224	313	2, 537	670	43	713	743	84	827

TABLE 17. Municipal Governments

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>287,400</b>	<b>80,500</b>	<b>367,900</b>	<b>314,100</b>	<b>90,300</b>	<b>404,400</b>	<b>358,700</b>	<b>92,100</b>	<b>450,800</b>
<b>Total building construction .....</b>	<b>37,896</b>	<b>6,268</b>	<b>44,164</b>	<b>46,930</b>	<b>8,232</b>	<b>55,162</b>	<b>58,158</b>	<b>8,099</b>	<b>66,257</b>
2. Factories, plants, workshops, food canneries .....	3,162	484	3,646	4,282	691	4,973	4,962	659	5,621
9. Office buildings .....	9,878	1,770	11,648	10,160	2,380	12,540	14,068	2,244	16,312
10. Stores, retail and wholesale .....	1,342	68	1,410	1,463	74	1,537	1,575	80	1,655
11. Garages and service stations .....	1,791	285	2,076	2,418	327	2,745	2,506	329	2,835
12. Theatres, arenas, amusement and recreational buildings .....	7,614	707	8,321	9,568	965	10,533	10,213	821	11,034
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	465	86	551	261	85	346	566	86	652
17. Other institutional buildings .....	8,136	1,044	9,180	9,932	1,681	11,613	16,238	1,690	17,928
24. Other building construction .....	5,508	1,824	7,332	8,846	2,029	10,875	8,030	2,190	10,220
<b>Total engineering construction .....</b>	<b>249,504</b>	<b>74,232</b>	<b>323,736</b>	<b>267,170</b>	<b>82,068</b>	<b>349,238</b>	<b>300,542</b>	<b>84,001</b>	<b>384,543</b>
25. Docks, wharves, piers, breakwaters .....	889	544	1,433	598	69	667	769	74	843
31. Other marine construction .....	75	6	81	82	7	89	88	7	95
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	76,550	19,038	95,588	70,836	21,737	92,573	82,776	21,915	104,691
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	25,056	21,581	46,637	22,992	24,315	47,307	23,775	25,503	49,278
34. Dirt, clay or other streets, roads, parking lots, etc. ....	13,952	8,161	22,113	10,897	8,767	19,664	11,531	8,336	19,867
35. Grading, scraping, oiling, filling .....	445	109	554	485	118	603	522	129	651
36. Sidewalks, paths .....	15,008	3,701	18,709	14,931	2,919	17,850	15,238	3,336	18,574
38. Tile drains, drainage ditches, storm sewers .....	3,936	3,255	7,191	4,420	4,528	8,948	4,228	4,149	8,377
40. Sewage systems and connections .....	75,137	6,562	81,699	86,512	8,630	95,142	93,789	8,242	102,031
48. Street lighting .....	3,185	2,102	5,287	3,836	2,290	6,126	3,423	2,197	5,620
63. Bridges, trestles, culverts, overpasses, viaducts .....	18,787	2,702	21,489	32,767	2,329	35,096	40,027	3,382	43,409
64. Tunnels and subways .....	4,622	49	4,671	5,650	87	5,737	9,673	92	9,765
65. Incinerators .....	569	1,214	1,783	1,406	376	1,782	1,934	317	2,251
66. Park systems, landscaping, sodding, etc. ....	1,434	520	1,954	1,563	565	2,128	1,683	615	2,298
67. Swimming pools, tennis courts, outdoor recreation facilities ....	792	480	1,272	863	521	1,384	930	568	1,498
69. Fences, snowsheds, signs, guard rails .....	235	200	435	256	217	473	276	237	513
70. Other engineering construction .....	8,832	4,008	12,840	9,076	4,593	13,669	9,880	4,902	14,782

TABLE 18. Housing and Institutional Services

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>1,782,000</b>	<b>407,000</b>	<b>2,189,000</b>	<b>1,758,600</b>	<b>431,000</b>	<b>2,189,600</b>	<b>1,695,700</b>	<b>457,000</b>	<b>2,152,700</b>
<b>Institutional:</b>									
<b>Total value of work performed .....</b>	<b>448,255</b>	<b>48,167</b>	<b>496,422</b>	<b>473,399</b>	<b>54,330</b>	<b>527,729</b>	<b>558,760</b>	<b>54,316</b>	<b>613,076</b>
9. Office buildings .....	1,403	—	1,403	330	—	330	3	1	4
12. Theatres, arenas, amusement and recreational buildings .....	1,089	17	1,106	500	25	525	198	17	215
14. Schools and other educational buildings .....	262,078	27,009	289,087	280,751	28,760	309,511	316,020	30,641	346,661
15. Churches and other religious buildings .....	45,580	7,437	53,017	54,684	8,341	63,025	52,926	7,353	60,279
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	125,145	12,240	137,385	123,035	15,965	139,000	169,788	15,030	184,818
17. Other institutional buildings .....	8,020	1,098	9,118	7,922	906	8,828	17,190	875	18,065
18. Farm buildings (excluding dwellings) .....	29	14	43	318	20	338	14	28	42
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,553	175	3,728	2,945	54	2,999	847	66	913
24. Other building construction .....	245	103	348	1,737	25	1,762	404	94	498
<b>Total engineering construction .....</b>	<b>1,113</b>	<b>74</b>	<b>1,187</b>	<b>1,177</b>	<b>234</b>	<b>1,411</b>	<b>1,370</b>	<b>211</b>	<b>1,581</b>



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1958 - 60<sup>1</sup>

TABLE 19. Newfoundland

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>80,000</b>	<b>15,682</b>	<b>95,682</b>	<b>77,934</b>	<b>17,895</b>	<b>95,829</b>	<b>83,659</b>	<b>17,903</b>	<b>101,562</b>
<b>Total building construction .....</b>	<b>42,197</b>	<b>7,110</b>	<b>49,307</b>	<b>35,831</b>	<b>7,729</b>	<b>43,560</b>	<b>38,469</b>	<b>7,299</b>	<b>45,768</b>
Residential .....	16,000	2,900	18,900	14,300	3,000	17,300	15,000	3,200	18,200
Industrial .....	1,206	1,189	2,395	3,055	987	4,042	3,372	971	4,343
Commercial .....	8,610	956	9,566	9,471	1,048	10,519	9,015	1,009	10,024
Institutional .....	9,312	1,021	10,333	6,524	1,613	8,137	8,839	1,189	10,028
Other building construction .....	7,069	1,044	8,113	2,481	1,081	3,562	2,243	930	3,173
<b>Total engineering construction .....</b>	<b>37,803</b>	<b>8,572</b>	<b>46,375</b>	<b>42,103</b>	<b>10,166</b>	<b>52,269</b>	<b>45,190</b>	<b>10,604</b>	<b>55,794</b>
Marine construction .....	5,936	1,090	7,026	6,155	1,087	7,242	5,616	992	6,608
Road, highway and aerodrome construction .....	17,718	5,006	22,724	19,777	6,661	26,438	18,979	6,856	25,835
Waterworks and sewage systems .....	296	422	718	570	575	1,145	910	680	1,590
Dams and irrigation .....	1,961	108	2,069	106	31	137	1,629	58	1,687
Electric power construction .....	6,693	762	7,455	3,094	548	3,642	12,184	621	12,805
Railway, telephone and telegraph .....	3,359	936	4,295	9,929	943	10,872	4,477	932	5,409
Gas and oil facilities .....	437	121	558	501	101	602	120	109	229
Other engineering construction .....	1,403	127	1,530	1,971	220	2,191	1,275	356	1,631

<sup>1</sup> Actual 1958, preliminary 1959, intentions 1960.

TABLE 20. Prince Edward Island

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>16,480</b>	<b>4,018</b>	<b>20,498</b>	<b>24,279</b>	<b>3,734</b>	<b>28,013</b>	<b>21,874</b>	<b>3,985</b>	<b>25,859</b>
<b>Total building construction .....</b>	<b>7,429</b>	<b>2,031</b>	<b>9,460</b>	<b>11,337</b>	<b>1,860</b>	<b>13,197</b>	<b>8,014</b>	<b>2,062</b>	<b>10,076</b>
Residential .....	1,800	400	2,200	3,500	400	3,900	1,700	500	2,200
Industrial .....	157	140	297	154	160	314	305	184	489
Commercial .....	1,260	371	1,631	1,949	224	2,173	1,489	222	1,711
Institutional .....	2,342	219	2,561	2,703	212	2,915	1,792	291	2,083
Other building construction .....	1,870	901	2,771	3,031	864	3,895	2,728	865	3,593
<b>Total engineering construction .....</b>	<b>9,051</b>	<b>1,987</b>	<b>11,038</b>	<b>12,942</b>	<b>1,874</b>	<b>14,816</b>	<b>13,860</b>	<b>1,923</b>	<b>15,783</b>
Marine construction .....	1,219	429	1,648	2,480	225	2,705	2,185	224	2,409
Road, highway and aerodrome construction .....	5,151	995	6,146	7,450	1,079	8,529	7,181	1,080	8,261
Waterworks and sewage systems .....	158	98	256	235	93	328	222	93	315
Dams and irrigation .....	45	35	80	50	40	90	50	40	90
Electric power construction .....	949	142	1,091	1,566	140	1,706	3,236	167	3,403
Railway, telephone and telegraph .....	338	187	525	388	180	568	391	202	593
Gas and oil facilities .....	682	2	684	94	7	101	29	5	34
Other engineering construction .....	509	99	608	679	110	789	566	112	678

TABLE 21. Nova Scotia

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>119,973</b>	<b>39,717</b>	<b>159,690</b>	<b>140,872</b>	<b>44,228</b>	<b>185,100</b>	<b>153,212</b>	<b>45,182</b>	<b>198,394</b>
<b>Total building construction .....</b>	<b>71,771</b>	<b>19,986</b>	<b>91,757</b>	<b>78,565</b>	<b>20,413</b>	<b>99,978</b>	<b>91,944</b>	<b>21,019</b>	<b>112,963</b>
<b>Residential .....</b>	<b>32,100</b>	<b>6,900</b>	<b>39,000</b>	<b>33,400</b>	<b>7,300</b>	<b>40,700</b>	<b>32,200</b>	<b>7,800</b>	<b>40,000</b>
<b>Industrial .....</b>	<b>4,628</b>	<b>4,390</b>	<b>9,018</b>	<b>4,998</b>	<b>4,672</b>	<b>9,670</b>	<b>14,014</b>	<b>5,098</b>	<b>19,112</b>
2. Factories, plants, workshops, food canneries .....	3,441	3,883	7,324	4,236	4,103	8,339	13,304	4,282	17,586
3. Mine and mine mill buildings .....	558	36	594	109	18	127	78	81	159
4. Railway stations, offices, roadway buildings .....	408	310	718	434	367	801	360	410	770
5. Railway shops, engine houses, water and fuel stations .....	221	161	382	219	184	403	272	325	597
<b>Commercial .....</b>	<b>12,037</b>	<b>3,007</b>	<b>15,044</b>	<b>17,398</b>	<b>2,575</b>	<b>19,973</b>	<b>18,794</b>	<b>2,498</b>	<b>21,292</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,081	604	2,685	2,017	541	2,558	2,826	419	3,245
7. Grain elevators .....	25	144	169	5	44	49	1	46	47
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	524	153	677	3,337	166	3,503	2,029	149	2,178
9. Office buildings .....	3,991	1,063	5,054	5,006	758	5,764	5,737	917	6,654
10. Stores, retail and wholesale .....	4,366	711	5,077	4,929	738	5,667	6,582	676	7,258
11. Garages and service stations .....	899	174	1,073	1,210	218	1,428	1,141	193	1,334
12. Theatres, arenas, amusement and recreational buildings .....	151	113	264	744	94	838	446	90	536
13. Laundries and dry cleaning establishments .....	—	45	45	150	16	166	32	8	40
<b>Institutional .....</b>	<b>17,240</b>	<b>1,535</b>	<b>18,775</b>	<b>15,364</b>	<b>1,919</b>	<b>17,283</b>	<b>18,353</b>	<b>1,673</b>	<b>20,026</b>
14. Schools and other educational buildings .....	8,848	725	9,573	10,251	883	11,134	9,769	730	10,499
15. Churches and other religious buildings .....	6,685	353	7,038	3,650	317	3,967	2,249	259	2,508
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,590	370	1,960	1,281	572	1,853	5,869	577	6,446
17. Other institutional buildings .....	117	87	204	182	147	329	466	107	573
<b>Other building construction .....</b>	<b>5,766</b>	<b>4,154</b>	<b>9,920</b>	<b>8,405</b>	<b>3,947</b>	<b>12,352</b>	<b>8,583</b>	<b>3,950</b>	<b>12,533</b>
18. Farm buildings (excluding dwellings) .....	1,570	1,096	2,666	1,772	1,274	3,046	1,764	1,274	3,038
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	269	74	343	307	76	383	319	72	391
20. Aeroplane hangars .....	35	320	355	54	273	327	1,501	272	1,773
21. Passenger terminals, bus, boat or air .....	2,191	—	2,191	3,380	—	3,380	2,979	—	2,979
22. Armouries, barracks, drill halls, etc. ....	798	2,470	3,268	1,231	2,111	3,342	1,085	2,098	3,183
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	502	80	582	581	80	661	184	85	269
24. Other building construction .....	401	114	515	1,080	133	1,213	751	149	900
<b>Total engineering construction .....</b>	<b>48,202</b>	<b>19,731</b>	<b>67,933</b>	<b>61,307</b>	<b>23,815</b>	<b>85,122</b>	<b>61,268</b>	<b>24,163</b>	<b>85,431</b>
<b>Marine construction .....</b>	<b>5,023</b>	<b>1,885</b>	<b>6,908</b>	<b>7,447</b>	<b>1,542</b>	<b>8,989</b>	<b>7,727</b>	<b>1,514</b>	<b>9,241</b>
25. Docks, wharves, piers, breakwaters .....	3,349	1,393	4,742	5,053	1,126	6,179	5,618	1,091	6,709
26. Retaining walls, embankments, riprapping .....	78	29	107	28	25	53	—	25	25
27. Canals and waterways .....	—	22	22	—	19	19	—	19	19
28. Dredging and pile driving .....	370	366	736	562	313	875	495	320	815
29. Dyke construction .....	1,055	62	1,117	1,628	53	1,681	1,434	53	1,487
30. Logging booms .....	—	7	7	—	—	—	—	—	—
31. Other marine construction .....	171	6	177	176	6	182	180	6	186

TABLE 21. Nova Scotia - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>21,972</b>	<b>7,863</b>	<b>29,835</b>	<b>23,068</b>	<b>12,545</b>	<b>35,613</b>	<b>22,463</b>	<b>12,391</b>	<b>34,854</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	16,832	2,135	18,967	18,289	11,437	29,726	17,936	11,267	29,203
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,460	4,912	7,372	1,014	448	1,462	1,076	430	1,506
34. Dirt, clay or other streets, roads, parking lots, etc. ....	176	503	679	208	349	557	266	369	635
35. Grading, scraping, oiling, filling .....	9	52	61	—	44	44	—	44	44
36. Sidewalks, paths .....	562	128	690	575	153	728	558	168	726
37. Aerodromes, landing fields, runways, tarmac .....	1,933	133	2,066	2,982	114	3,096	2,627	113	2,740
<b>Waterworks and sewage Systems .....</b>	<b>1,492</b>	<b>821</b>	<b>2,313</b>	<b>2,445</b>	<b>1,187</b>	<b>3,632</b>	<b>2,594</b>	<b>983</b>	<b>3,577</b>
38. Tile drains, drainage ditches, storm sewers .....	169	72	241	203	65	268	179	64	243
39. Water mains, hydrants and services .....	663	467	1,130	1,441	563	2,004	1,448	399	1,847
40. Sewage systems and connections .....	639	271	910	732	529	1,261	963	497	1,460
41. Pumping stations, water .....	21	11	32	69	26	95	4	22	26
42. Water storage tanks .....	—	—	—	—	4	4	—	1	1
<b>Dams and irrigation .....</b>	<b>1,185</b>	<b>244</b>	<b>1,429</b>	<b>2,981</b>	<b>96</b>	<b>3,077</b>	<b>1,602</b>	<b>114</b>	<b>1,716</b>
43. Dams and reservoirs .....	1,035	184	1,219	2,786	26	2,812	1,419	44	1,463
44. Irrigation and land reclamation projects .....	150	60	210	195	70	265	183	70	253
<b>Electric power construction .....</b>	<b>5,625</b>	<b>1,501</b>	<b>7,126</b>	<b>8,006</b>	<b>1,644</b>	<b>9,650</b>	<b>10,492</b>	<b>1,696</b>	<b>12,188</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,437	243	1,680	2,552	219	2,771	2,613	241	2,854
46. Electric transformer stations .....	122	35	157	108	37	145	725	40	765
47. Power transmission and distribution lines, trolley wires .....	3,685	1,056	4,741	5,188	1,219	6,407	7,054	1,317	8,371
48. Street lighting .....	381	167	548	158	169	327	100	98	198
<b>Railway, telephone and telegraph .....</b>	<b>5,774</b>	<b>4,018</b>	<b>9,792</b>	<b>6,652</b>	<b>4,702</b>	<b>11,354</b>	<b>6,124</b>	<b>5,069</b>	<b>11,193</b>
49. Railway tracks and roadbed .....	3,704	3,187	6,891	4,060	3,874	7,934	3,494	4,164	7,658
50. Signals and interlockers .....	45	53	98	199	152	351	162	171	333
51. Telegraph and telephone lines, underground and marine cables .....	2,025	778	2,803	2,393	676	3,069	2,468	734	3,202
<b>Gas and oil facilities .....</b>	<b>385</b>	<b>1,121</b>	<b>1,506</b>	<b>672</b>	<b>851</b>	<b>1,523</b>	<b>1,264</b>	<b>881</b>	<b>2,145</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	119	—	119	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	82	5	87	232	48	280	208	138	346
56. Gas storage tanks .....	—	—	—	14	—	14	—	1	1
57. Oil pipe lines .....	4	7	11	—	—	—	—	10	10
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	78	—	78	328	—	328
60. Gas wells .....	—	—	—	78	—	78	328	—	328
61. Oil refinery—Processing units .....	299	1,109	1,408	151	803	954	400	732	1,132
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>6,746</b>	<b>2,278</b>	<b>9,024</b>	<b>10,036</b>	<b>1,248</b>	<b>11,284</b>	<b>9,002</b>	<b>1,515</b>	<b>10,517</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,576	1,706	6,282	6,717	535	7,252	6,512	516	7,028
64. Tunnels and subways .....	—	8	8	9	7	16	6	9	15
65. Incinerators .....	303	12	315	1,034	2	1,036	300	3	303
66. Park systems, landscaping, sodding, etc. ....	101	30	131	226	26	252	271	25	296
67. Swimming pools, tennis courts, outdoor recreation facilities ....	19	13	32	29	11	40	26	11	37
68. Mine shafts and other below surface workings .....	721	326	1,047	517	454	971	393	636	1,029
69. Fences, snowsheds, signs, guard rails .....	255	125	380	381	170	551	363	253	616
70. Other engineering construction .....	771	58	829	1,123	43	1,166	1,131	62	1,193



TABLE 22. New Brunswick

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>131, 673</b>	<b>34, 207</b>	<b>165, 880</b>	<b>148, 523</b>	<b>40, 595</b>	<b>189, 118</b>	<b>143, 479</b>	<b>42, 265</b>	<b>185, 744</b>
<b>Total building construction .....</b>	<b>70, 228</b>	<b>16, 068</b>	<b>86, 296</b>	<b>76, 809</b>	<b>16, 774</b>	<b>93, 583</b>	<b>78, 630</b>	<b>17, 205</b>	<b>95, 835</b>
<b>Residential .....</b>	<b>39, 200</b>	<b>8, 100</b>	<b>47, 300</b>	<b>45, 700</b>	<b>8, 600</b>	<b>54, 300</b>	<b>39, 300</b>	<b>9, 100</b>	<b>48, 400</b>
<b>Industrial .....</b>	<b>5, 335</b>	<b>2, 369</b>	<b>7, 704</b>	<b>5, 118</b>	<b>2, 506</b>	<b>7, 624</b>	<b>7, 708</b>	<b>2, 435</b>	<b>10, 143</b>
2. Factories, plants, workshops, food canneries .....	4, 292	1, 159	5, 451	3, 834	1, 113	4, 947	6, 220	1, 136	7, 356
3. Mine and mine mill buildings .....	49	22	71	—	109	109	17	13	30
4. Railway stations, offices, roadway buildings .....	593	616	1, 209	637	658	1, 295	546	704	1, 250
5. Railway shops, engine houses, water and fuel stations .....	401	572	973	647	626	1, 273	925	582	1, 507
<b>Commercial .....</b>	<b>12, 080</b>	<b>2, 232</b>	<b>14, 312</b>	<b>13, 294</b>	<b>2, 040</b>	<b>15, 334</b>	<b>13, 077</b>	<b>2, 019</b>	<b>15, 096</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1, 274	373	1, 647	1, 287	401	1, 688	1, 063	379	1, 442
7. Grain elevators .....	17	131	148	16	28	44	17	28	45
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	524	155	679	891	296	1, 187	372	318	690
9. Office buildings .....	4, 257	719	4, 976	4, 712	458	5, 170	4, 449	467	4, 916
10. Stores, retail and wholesale .....	3, 799	523	4, 322	3, 880	522	4, 402	3, 901	489	4, 390
11. Garages and service stations .....	1, 878	253	2, 131	1, 772	250	2, 022	2, 597	248	2, 845
12. Theatres, arenas, amusement and recreational buildings .....	331	56	387	732	54	786	655	59	714
13. Laundries and dry cleaning establishments .....	—	22	22	4	31	35	23	31	54
<b>Institutional .....</b>	<b>10, 271</b>	<b>1, 276</b>	<b>11, 547</b>	<b>8, 810</b>	<b>1, 562</b>	<b>10, 372</b>	<b>14, 952</b>	<b>1, 525</b>	<b>16, 477</b>
14. Schools and other educational buildings .....	4, 946	213	5, 159	4, 983	167	5, 150	7, 057	178	7, 235
15. Churches and other religious buildings .....	564	330	894	1, 871	202	2, 073	2, 003	140	2, 143
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4, 681	546	5, 227	1, 845	541	2, 386	5, 517	532	6, 049
17. Other institutional buildings .....	80	187	267	111	652	763	375	675	1, 050
<b>Other building construction .....</b>	<b>3, 342</b>	<b>2, 091</b>	<b>5, 433</b>	<b>3, 887</b>	<b>2, 066</b>	<b>5, 953</b>	<b>3, 593</b>	<b>2, 126</b>	<b>5, 719</b>
18. Farm buildings (excluding dwellings) .....	1, 897	1, 084	2, 981	2, 077	1, 174	3, 251	2, 021	1, 174	3, 195
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	794	84	878	575	76	651	962	122	1, 084
20. Aeroplane hangars .....	2	414	416	2	365	367	2	365	367
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	273	268	541	273	238	511	240	236	476
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	172	176	348	867	157	1, 024	307	175	482
24. Other building construction .....	204	65	269	93	56	149	61	54	115
<b>Total engineering construction .....</b>	<b>61, 445</b>	<b>18, 139</b>	<b>79, 584</b>	<b>71, 714</b>	<b>23, 821</b>	<b>95, 535</b>	<b>64, 849</b>	<b>25, 060</b>	<b>89, 909</b>
<b>Marine construction .....</b>	<b>5, 152</b>	<b>857</b>	<b>6, 009</b>	<b>5, 332</b>	<b>836</b>	<b>6, 168</b>	<b>6, 220</b>	<b>841</b>	<b>7, 061</b>
25. Docks, wharves, piers, breakwaters .....	3, 722	327	4, 049	4, 058	385	4, 443	4, 101	349	4, 450
26. Retaining walls, embankments, riprapping .....	—	2	2	—	2	2	500	2	502
27. Canals and waterways .....	—	210	210	—	—	—	—	7	7
28. Dredging and pile driving .....	979	223	1, 202	979	373	1, 352	860	410	1, 270
29. Dyke construction .....	220	64	284	220	57	277	693	56	749
30. Logging booms .....	31	17	48	—	15	15	—	13	13
31. Other marine construction .....	200	14	214	75	4	79	66	4	70

TABLE 22. New Brunswick — Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>21, 533</b>	<b>8, 319</b>	<b>29, 852</b>	<b>21, 605</b>	<b>12, 175</b>	<b>33, 780</b>	<b>21, 569</b>	<b>12, 562</b>	<b>34, 131</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	16, 293	419	16, 712	18, 094	11, 024	29, 118	18, 076	11, 411	29, 487
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2, 477	6, 943	9, 420	701	383	1, 084	966	403	1, 369
34. Dirt, clay or other streets, roads, parking lots, etc. ....	645	857	1, 502	643	698	1, 341	667	684	1, 351
35. Grading, scraping, oiling, filling .....	—	23	23	—	20	20	—	20	20
36. Sidewalks, paths .....	116	67	183	176	41	217	102	35	137
37. Aerodromes, landing fields, runways, tarmac .....	2, 002	10	2, 012	1, 991	9	2, 000	1, 758	9	1, 767
<b>Waterworks and sewage systems .....</b>	<b>2, 610</b>	<b>670</b>	<b>3, 280</b>	<b>3, 053</b>	<b>876</b>	<b>3, 929</b>	<b>1, 748</b>	<b>875</b>	<b>2, 623</b>
38. Tile drains, drainage ditches, storm sewers .....	—	54	54	158	68	226	184	63	247
39. Water mains, hydrants and services .....	1, 680	525	2, 205	1, 947	668	2, 615	1, 118	665	1, 783
40. Sewage systems and connections .....	866	91	957	598	125	723	433	129	562
41. Pumping stations, water .....	64	—	64	332	12	344	13	16	29
42. Water storage tanks .....	—	—	—	18	3	21	—	2	2
<b>Dams and irrigation .....</b>	<b>518</b>	<b>81</b>	<b>599</b>	<b>509</b>	<b>84</b>	<b>593</b>	<b>393</b>	<b>83</b>	<b>476</b>
43. Dams and reservoirs .....	436	21	457	417	19	436	301	18	319
44. Irrigation and land reclamation projects .....	82	60	142	92	65	157	92	65	157
<b>Electric power construction .....</b>	<b>7, 662</b>	<b>514</b>	<b>8, 176</b>	<b>6, 230</b>	<b>788</b>	<b>7, 018</b>	<b>7, 366</b>	<b>988</b>	<b>8, 354</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1, 137	31	1, 168	2, 198	197	2, 395	2, 030	285	2, 315
46. Electric transformer stations .....	1, 131	4	1, 135	1, 410	5	1, 415	1, 336	58	1, 394
47. Power transmission and distribution lines, trolley wires .....	5, 048	405	5, 453	2, 459	566	3, 025	3, 801	626	4, 427
48. Street lighting .....	346	74	420	163	20	183	199	19	218
<b>Railway, telephone and telegraph .....</b>	<b>8, 221</b>	<b>5, 889</b>	<b>14, 110</b>	<b>8, 785</b>	<b>7, 077</b>	<b>15, 862</b>	<b>8, 287</b>	<b>7, 629</b>	<b>15, 916</b>
49. Railway tracks and roadbed .....	5, 649	5, 026	10, 675	5, 959	5, 797	11, 756	5, 743	6, 262	12, 005
50. Signals and interlockers .....	67	202	269	298	318	616	283	336	619
51. Telegraph and telephone lines, underground and marine cables .....	2, 505	661	3, 166	2, 528	962	3, 490	2, 261	1, 031	3, 292
<b>Gas and oil facilities .....</b>	<b>7, 303</b>	<b>13</b>	<b>7, 316</b>	<b>22, 823</b>	<b>82</b>	<b>22, 905</b>	<b>15, 616</b>	<b>96</b>	<b>15, 712</b>
52. Gas mains and services .....	—	10	10	—	15	15	10	12	22
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	91	3	94	531	49	580	906	61	967
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	3	3
59. Oil wells .....	31	—	31	294	9	303	93	10	103
60. Gas wells .....	31	—	31	294	9	303	94	10	104
61. Oil refinery — Processing units .....	7, 150	—	7, 150	21, 704	—	21, 704	14, 513	—	14, 513
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>8, 446</b>	<b>1, 796</b>	<b>10, 242</b>	<b>3, 377</b>	<b>1, 903</b>	<b>5, 280</b>	<b>3, 650</b>	<b>1, 986</b>	<b>5, 636</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7, 075	1, 406	8, 481	2, 070	1, 443	3, 513	2, 499	1, 530	4, 029
64. Tunnels and subways .....	2	4	6	18	4	22	26	4	30
65. Incinerators .....	—	6	6	—	8	8	5	7	12
66. Park systems, landscaping, sodding, etc. ....	324	117	441	417	99	516	384	99	483
67. Swimming pools, tennis courts, outdoor recreation facilities ....	89	9	98	89	8	97	78	9	87
68. Mine shafts and other below surface workings .....	45	11	56	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	363	97	460	243	198	441	230	207	437
70. Other engineering construction .....	548	146	694	540	143	683	428	130	558



TABLE 23. Quebec

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,437,494</b>	<b>295,153</b>	<b>1,732,647</b>	<b>1,508,846</b>	<b>313,774</b>	<b>1,822,620</b>	<b>1,448,044</b>	<b>328,858</b>	<b>1,776,902</b>
<b>Total building construction .....</b>	<b>848,665</b>	<b>201,815</b>	<b>1,050,480</b>	<b>957,837</b>	<b>210,821</b>	<b>1,168,658</b>	<b>968,427</b>	<b>219,978</b>	<b>1,188,405</b>
<b>Residential .....</b>	<b>449,100</b>	<b>112,700</b>	<b>561,800</b>	<b>492,200</b>	<b>119,400</b>	<b>611,600</b>	<b>473,100</b>	<b>126,600</b>	<b>599,700</b>
<b>Industrial .....</b>	<b>73,258</b>	<b>28,937</b>	<b>102,195</b>	<b>86,710</b>	<b>29,664</b>	<b>116,374</b>	<b>94,071</b>	<b>29,791</b>	<b>123,862</b>
2. Factories, plants, workshops, food canneries ....	64,481	22,250	86,731	69,533	23,983	93,516	54,606	23,295	77,901
3. Mine and mine mill buildings .....	4,294	2,285	6,579	12,166	1,688	13,854	33,629	2,468	36,097
4. Railway stations, offices, roadway buildings .....	1,964	2,384	4,348	2,481	1,921	4,402	2,383	2,016	4,399
5. Railway shops, engine houses, water and fuel stations .....	2,519	2,018	4,537	2,530	2,072	4,602	3,453	2,012	5,465
<b>Commercial .....</b>	<b>148,587</b>	<b>22,206</b>	<b>170,793</b>	<b>175,462</b>	<b>23,044</b>	<b>198,506</b>	<b>208,364</b>	<b>22,814</b>	<b>231,178</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9,769	3,634	13,403	18,614	3,551	22,165	15,431	3,354	18,785
7. Grain elevators .....	11,266	613	11,879	8,333	470	8,803	4,171	1,187	5,358
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7,575	2,925	10,500	3,540	2,586	6,126	6,162	2,381	8,543
9. Office buildings .....	57,378	7,134	64,512	70,687	8,301	78,988	55,391	6,345	61,736
10. Stores, retail and wholesale .....	45,582	5,354	50,936	57,735	5,613	63,348	69,795	5,722	75,517
11. Garages and service stations .....	11,118	1,875	12,993	10,985	1,832	12,817	44,439	3,149	47,588
12. Theatres, arenas, amusement and recreational buildings .....	5,602	498	6,100	5,212	492	5,704	12,775	495	13,270
13. Laundries and dry cleaning establishments .....	297	173	470	356	199	555	200	181	381
<b>Institutional .....</b>	<b>124,797</b>	<b>18,152</b>	<b>142,949</b>	<b>125,584</b>	<b>17,398</b>	<b>142,982</b>	<b>130,138</b>	<b>19,223</b>	<b>149,361</b>
14. Schools and other educational buildings .....	61,673	8,027	69,700	62,348	7,824	70,172	75,995	8,123	84,118
15. Churches and other religious buildings .....	11,219	3,094	14,313	14,788	3,556	18,344	15,102	3,700	18,802
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	47,029	4,917	51,946	39,746	5,014	44,760	33,173	5,606	38,779
17. Other institutional buildings .....	4,876	2,114	6,990	8,702	1,004	9,706	5,868	1,794	7,662
<b>Other building construction .....</b>	<b>52,923</b>	<b>19,820</b>	<b>72,743</b>	<b>77,881</b>	<b>21,315</b>	<b>99,196</b>	<b>62,754</b>	<b>21,550</b>	<b>84,304</b>
18. Farm buildings (excluding dwellings) .....	18,761	13,433	32,194	20,858	14,875	35,733	21,055	15,050	36,105
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	14,884	879	15,763	19,415	898	20,313	19,390	884	20,274
20. Aeroplane hangars .....	1,836	257	2,093	15,433	216	15,649	5,716	214	5,930
21. Passenger terminals, bus, boat or air .....	7,862	18	7,880	8,409	23	8,432	7,343	22	7,365
22. Armouries, barracks, drill halls, etc. ....	2,862	2,851	5,713	3,047	2,661	5,708	2,671	2,627	5,298
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,248	764	6,012	9,150	1,155	10,305	5,053	1,153	6,206
24. Other building construction .....	1,470	1,618	3,088	1,569	1,487	3,056	1,526	1,600	3,126
<b>Total engineering construction .....</b>	<b>588,829</b>	<b>93,338</b>	<b>682,167</b>	<b>551,009</b>	<b>102,953</b>	<b>653,962</b>	<b>479,617</b>	<b>108,880</b>	<b>588,497</b>
<b>Marine construction .....</b>	<b>54,085</b>	<b>2,805</b>	<b>56,890</b>	<b>37,997</b>	<b>2,690</b>	<b>40,687</b>	<b>32,536</b>	<b>2,649</b>	<b>35,185</b>
25. Docks, wharves, piers, breakwaters .....	13,215	1,308	14,523	16,565	1,335	17,900	17,111	1,407	18,518
26. Retaining walls, embankments, riprapping .....	1,182	131	1,313	1,268	125	1,393	1,239	126	1,365
27. Canals and waterways .....	30,796	377	31,173	7,046	272	7,318	5,987	268	6,255
28. Dredging and pile driving .....	7,782	645	8,427	11,417	712	12,129	7,498	652	8,150
29. Dyke construction .....	1	—	1	—	—	—	—	—	—
30. Logging booms .....	81	328	409	7	200	207	19	171	190
31. Other marine construction .....	1,028	16	1,044	1,694	46	1,740	682	25	707



TABLE 23. Quebec — Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>106,042</b>	<b>29,702</b>	<b>135,744</b>	<b>110,456</b>	<b>34,428</b>	<b>144,884</b>	<b>102,920</b>	<b>36,949</b>	<b>139,869</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	83,979	18,566	102,545	82,642	26,251	108,893	77,412	28,183	105,595
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,887	6,758	15,645	12,908	5,322	18,230	11,577	5,540	17,117
34. Dirt, clay or other streets, roads, parking lots, etc. ....	4,728	3,564	8,292	3,591	2,018	5,609	4,958	2,370	7,328
35. Grading, scraping, oiling, filling .....	910	193	1,103	3,250	196	3,446	955	191	1,146
36. Sidewalks, paths .....	2,798	417	3,215	2,931	441	3,372	3,150	468	3,618
37. Aerodromes, landing fields, runways, tarmac .....	4,740	204	4,944	5,134	200	5,334	4,868	197	5,065
<b>Waterworks and sewage systems .....</b>	<b>50,704</b>	<b>6,809</b>	<b>57,513</b>	<b>45,164</b>	<b>5,962</b>	<b>51,126</b>	<b>45,182</b>	<b>6,602</b>	<b>51,784</b>
38. Tile drains, drainage ditches, storm sewers ..	11,290	223	11,513	782	161	943	341	176	517
39. Water mains, hydrants and services .....	17,393	4,628	22,021	18,757	2,296	21,053	15,999	4,347	20,346
40. Sewage systems and connections .....	17,699	1,621	19,320	19,592	1,699	21,291	21,491	1,840	23,331
41. Pumping stations, water .....	1,078	36	1,114	5,046	1,790	6,836	6,684	227	6,911
42. Water storage tanks .....	3,244	301	3,545	987	16	1,003	667	12	679
<b>Dams and irrigation .....</b>	<b>8,112</b>	<b>1,679</b>	<b>9,791</b>	<b>10,649</b>	<b>2,337</b>	<b>12,986</b>	<b>9,355</b>	<b>2,050</b>	<b>11,405</b>
43. Dams and reservoirs .....	7,061	934	7,995	9,516	1,512	11,028	8,212	1,215	9,427
44. Irrigation and land reclamation projects .....	1,051	745	1,796	1,133	825	1,958	1,143	835	1,978
<b>Electric power construction .....</b>	<b>181,593</b>	<b>8,716</b>	<b>190,309</b>	<b>102,749</b>	<b>10,467</b>	<b>113,216</b>	<b>93,729</b>	<b>11,166</b>	<b>104,895</b>
45. Electric power generating plants, including water conveying and controlling structures .....	89,401	2,740	92,141	50,613	2,450	53,063	41,883	2,430	44,313
46. Electric transformer stations .....	33,678	1,532	35,210	19,562	3,012	22,574	21,264	3,333	24,597
47. Power transmission and distribution lines, trolley wires .....	57,591	4,236	61,827	30,904	4,720	35,624	29,591	5,211	34,801
48. Street lighting .....	923	208	1,131	1,670	285	1,955	991	192	1,183
<b>Railway, telephone and telegraph .....</b>	<b>53,852</b>	<b>28,342</b>	<b>82,194</b>	<b>96,438</b>	<b>29,370</b>	<b>125,808</b>	<b>94,479</b>	<b>30,766</b>	<b>125,245</b>
49. Railway tracks and roadbed .....	24,469	18,363	42,832	50,501	19,334	69,835	48,418	20,090	68,508
50. Signals and interlockers .....	583	1,053	1,636	842	1,180	2,022	789	1,189	1,978
51. Telegraph and telephone lines, underground and marine cables .....	28,800	8,926	37,726	45,095	8,856	53,951	45,272	9,487	54,759
<b>Gas and oil facilities .....</b>	<b>18,687</b>	<b>6,490</b>	<b>25,177</b>	<b>44,577</b>	<b>7,957</b>	<b>52,534</b>	<b>26,030</b>	<b>8,742</b>	<b>34,772</b>
52. Gas mains and services .....	3,085	17	3,102	10,735	2,006	12,741	11,019	2,198	13,217
53. Pumping stations, oil .....	76	54	130	274	168	442	328	185	513
54. Pumping stations, gas .....	85	—	85	9	—	9	4	—	4
55. Oil storage tanks .....	5,462	306	5,768	6,134	413	6,547	4,254	502	4,756
56. Gas storage tanks .....	2,485	62	2,547	5	50	55	—	—	—
57. Oil pipe lines .....	7	197	204	3,074	141	3,215	395	111	506
58. Gas pipe lines .....	—	—	—	—	12	12	—	8	8
59. Oil wells .....	26	—	26	18	—	18	—	—	—
60. Gas wells .....	26	—	26	18	—	18	—	—	—
61. Oil refinery — Processing units .....	7,435	5,854	13,289	24,310	5,167	29,477	10,030	5,738	15,768
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>115,754</b>	<b>8,795</b>	<b>124,549</b>	<b>102,979</b>	<b>9,742</b>	<b>112,721</b>	<b>75,386</b>	<b>9,956</b>	<b>85,342</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	75,734	3,560	79,294	67,154	4,602	71,756	56,814	4,616	61,430
64. Tunnels and subways .....	23,006	9	23,015	20,734	21	20,755	3,836	20	3,856
65. Incinerators .....	51	61	112	39	68	107	33	71	104
66. Park systems, landscaping, sodding, etc. ....	2,798	1,357	4,155	2,773	863	3,636	2,490	916	3,406
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,102	516	1,618	934	545	1,479	1,000	585	1,585
68. Mine shafts and other below surface workings .....	4,359	606	4,965	3,994	893	4,887	3,653	833	4,486
69. Fences, snowsheds, signs, guard rails .....	1,694	1,260	2,954	2,147	1,449	3,596	1,856	1,509	3,365
70. Other engineering construction .....	7,010	1,426	8,436	5,204	1,301	6,505	5,704	1,406	7,110

TABLE 24. Ontario

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,144,626</b>	<b>453,999</b>	<b>2,598,625</b>	<b>1,954,547</b>	<b>467,945</b>	<b>2,422,492</b>	<b>2,062,651</b>	<b>483,221</b>	<b>2,545,872</b>
<b>Total building construction .....</b>	<b>1,317,458</b>	<b>290,191</b>	<b>1,607,649</b>	<b>1,282,641</b>	<b>302,654</b>	<b>1,585,295</b>	<b>1,395,616</b>	<b>313,377</b>	<b>1,708,993</b>
<b>Residential .....</b>	<b>718,100</b>	<b>161,600</b>	<b>879,700</b>	<b>643,700</b>	<b>171,100</b>	<b>814,800</b>	<b>641,000</b>	<b>181,400</b>	<b>822,400</b>
<b>Industrial .....</b>	<b>124,596</b>	<b>48,520</b>	<b>173,116</b>	<b>120,615</b>	<b>51,422</b>	<b>172,037</b>	<b>135,234</b>	<b>52,979</b>	<b>188,213</b>
2. Factories, plants, workshops, food canneries.....	101,405	38,402	139,807	105,012	40,358	145,370	118,843	41,462	160,305
3. Mine and mine mill buildings .....	16,390	3,541	19,931	9,370	4,627	13,997	10,636	4,681	15,317
4. Railway stations, offices, roadway buildings .....	4,356	3,949	8,305	4,049	4,083	8,132	3,863	4,326	8,189
5. Railway shops, engine houses, water and fuel stations .....	2,445	2,628	5,073	2,184	2,354	4,538	1,892	2,510	4,402
<b>Commercial .....</b>	<b>247,661</b>	<b>37,421</b>	<b>285,082</b>	<b>273,820</b>	<b>35,471</b>	<b>309,291</b>	<b>323,483</b>	<b>34,257</b>	<b>357,740</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	29,616	3,645	33,261	19,283	2,185	21,468	20,796	3,297	24,093
7. Grain elevators .....	588	601	1,189	5,436	1,359	6,795	165	526	691
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	19,181	6,576	25,757	14,418	5,576	19,994	7,696	3,390	11,086
9. Office buildings .....	109,181	12,446	121,627	140,364	13,270	153,634	194,360	14,387	208,747
10. Stores, retail and wholesale .....	60,921	9,733	70,654	66,925	8,257	75,182	70,219	7,102	77,321
11. Garages and service stations .....	15,585	3,183	18,768	14,874	3,455	18,329	17,950	4,439	22,389
12. Theatres, arenas, amusement and recreational buildings .....	9,240	865	10,105	11,875	1,070	12,945	11,661	868	12,529
13. Laundries and dry cleaning establishments .....	3,349	372	3,721	645	299	944	636	248	884
<b>Institutional .....</b>	<b>176,271</b>	<b>15,891</b>	<b>192,162</b>	<b>190,877</b>	<b>16,860</b>	<b>207,737</b>	<b>237,593</b>	<b>16,857</b>	<b>254,450</b>
14. Schools and other educational buildings .....	100,559	7,899	108,458	106,380	7,825	114,205	114,837	7,912	122,749
15. Churches and other religious buildings .....	16,862	2,594	19,456	21,461	2,429	23,890	17,978	2,054	20,032
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	47,281	3,529	50,810	53,449	5,195	58,644	83,056	5,487	88,543
17. Other institutional buildings .....	11,569	1,869	13,438	9,587	1,411	10,998	21,722	1,404	23,126
<b>Other building construction .....</b>	<b>50,830</b>	<b>26,759</b>	<b>77,589</b>	<b>53,629</b>	<b>27,801</b>	<b>81,430</b>	<b>58,306</b>	<b>27,884</b>	<b>86,190</b>
18. Farm buildings (excluding dwellings) .....	30,108	19,768	49,876	32,781	21,259	54,040	32,410	21,351	53,761
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,537	379	8,916	9,547	331	9,878	11,282	328	11,610
20. Aeroplane hangars .....	612	462	1,074	402	382	784	1,913	352	2,265
21. Passenger terminals, bus, boat or air .....	283	32	315	2	58	60	7	78	85
22. Armouries, barracks, drill halls, etc. ....	2,351	4,564	6,915	2,792	4,701	7,493	2,499	4,677	7,176
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,418	752	3,170	971	631	1,602	2,967	683	3,650
24. Other building construction .....	6,521	802	7,323	7,134	439	7,573	7,228	415	7,643
<b>Total engineering construction .....</b>	<b>827,168</b>	<b>163,808</b>	<b>990,976</b>	<b>671,906</b>	<b>165,291</b>	<b>837,197</b>	<b>667,035</b>	<b>169,844</b>	<b>836,879</b>
<b>Marine construction .....</b>	<b>58,040</b>	<b>4,659</b>	<b>62,699</b>	<b>29,624</b>	<b>5,287</b>	<b>34,911</b>	<b>26,592</b>	<b>3,953</b>	<b>30,545</b>
25. Docks, wharves, piers, breakwaters .....	17,767	988	18,755	15,862	982	16,844	11,872	947	12,819
26. Retaining walls, embankments, riprapping .....	429	232	661	476	188	664	459	185	644
27. Canals and waterways .....	4,116	799	4,915	1,045	819	1,864	6,145	830	6,975
28. Dredging and pile driving .....	34,921	2,108	37,029	11,368	3,034	14,402	7,295	1,737	9,032
29. Dyke construction .....	3	—	3	—	—	—	—	—	—
30. Logging booms .....	39	231	270	48	183	231	61	166	227
31. Other marine construction .....	765	301	1,066	825	81	906	760	88	848



TABLE 24. Ontario - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>164,164</b>	<b>51,940</b>	<b>216,104</b>	<b>187,064</b>	<b>48,363</b>	<b>235,427</b>	<b>168,610</b>	<b>49,783</b>	<b>218,393</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	130,851	27,162	158,013	147,687	22,515	170,202	132,268	21,840	154,108
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	20,173	18,757	38,930	25,296	18,877	44,173	22,657	20,456	43,113
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,735	2,369	4,104	2,082	3,267	5,349	2,678	3,527	6,205
35. Grading, scraping, oiling, filling .....	538	180	718	423	159	582	379	167	546
36. Sidewalks, paths .....	5,450	1,509	6,959	5,180	1,517	6,697	4,902	1,776	6,678
37. Aerodromes, landing fields, runways, tarmac .....	5,417	1,963	7,380	6,396	2,028	8,424	5,726	2,017	7,743
<b>Waterworks and sewage systems .....</b>	<b>66,856</b>	<b>9,190</b>	<b>76,046</b>	<b>74,204</b>	<b>11,323</b>	<b>85,527</b>	<b>104,923</b>	<b>10,390</b>	<b>115,313</b>
38. Tile drains, drainage ditches, storm sewers .....	3,390	1,856	5,246	3,234	2,880	6,114	3,380	2,477	5,857
39. Water mains, hydrants and services .....	20,356	3,446	23,802	19,904	3,162	23,066	31,526	3,217	34,743
40. Sewage systems and connections .....	38,176	3,126	41,302	45,942	4,296	50,238	61,662	3,819	65,481
41. Pumping stations, water .....	3,522	723	4,245	4,067	921	4,988	6,948	852	7,800
42. Water storage tanks .....	1,412	39	1,451	1,057	64	1,121	1,407	25	1,432
<b>Dams and irrigation .....</b>	<b>5,020</b>	<b>1,399</b>	<b>6,419</b>	<b>3,473</b>	<b>1,534</b>	<b>5,007</b>	<b>4,184</b>	<b>1,364</b>	<b>5,548</b>
43. Dams and reservoirs .....	3,498	304	3,802	1,813	354	2,167	2,509	179	2,688
44. Irrigation and land reclamation projects .....	1,522	1,095	2,617	1,660	1,180	2,840	1,675	1,185	2,860
<b>Electric power construction .....</b>	<b>134,317</b>	<b>21,296</b>	<b>155,613</b>	<b>146,125</b>	<b>23,376</b>	<b>169,501</b>	<b>122,922</b>	<b>24,767</b>	<b>147,689</b>
45. Electric power generating plants, including water conveying and controlling structures .....	70,780	3,956	74,736	71,549	4,276	75,825	60,307	4,702	65,009
46. Electric transformer stations .....	8,171	3,137	11,308	21,633	3,111	24,744	14,571	3,414	17,985
47. Power transmission and distribution lines, trolley wires .....	52,509	11,976	64,485	49,930	13,707	63,637	45,089	14,316	59,405
48. Street lighting .....	2,857	2,227	5,084	3,013	2,282	5,295	2,955	2,335	5,290
<b>Railway, telephone and telegraph .....</b>	<b>85,777</b>	<b>52,230</b>	<b>138,007</b>	<b>86,296</b>	<b>52,702</b>	<b>138,998</b>	<b>88,128</b>	<b>56,797</b>	<b>144,925</b>
49. Railway tracks and roadbed .....	46,881	36,812	83,693	39,928	36,126	76,054	36,489	38,961	75,450
50. Signals and interlockers .....	1,312	1,642	2,954	1,957	2,094	4,051	1,697	2,227	3,924
51. Telegraph and telephone lines, underground and marine cables .....	37,584	13,776	51,360	44,411	14,482	58,893	49,942	15,609	65,551
<b>Gas and oil facilities .....</b>	<b>242,471</b>	<b>12,401</b>	<b>254,872</b>	<b>69,582</b>	<b>11,710</b>	<b>81,292</b>	<b>60,109</b>	<b>11,513</b>	<b>71,622</b>
52. Gas mains and services .....	38,309	1,386	39,695	29,383	1,532	30,915	30,538	1,569	32,107
53. Pumping stations, oil .....	444	163	607	194	174	368	283	182	465
54. Pumping stations, gas .....	5,322	—	5,322	13,879	—	13,879	8,366	—	8,366
55. Oil storage tanks .....	5,350	774	6,124	3,281	703	3,984	2,816	653	3,469
56. Gas storage tanks .....	2	1	3	19	1	20	28	5	33
57. Oil pipe lines .....	1,165	337	1,502	824	212	1,036	208	243	451
58. Gas pipe lines .....	151,217	1,036	152,253	7,783	31	7,814	3,191	39	3,230
59. Oil wells .....	677	5	682	702	54	756	1,055	62	1,117
60. Gas wells .....	1,250	98	1,348	1,100	22	1,122	402	21	423
61. Oil refinery - Processing units .....	38,735	8,601	47,336	12,395	8,981	21,376	13,222	8,739	21,961
62. Natural gas cleaning plants .....	—	—	—	22	—	22	—	—	—
<b>Other engineering construction .....</b>	<b>70,523</b>	<b>10,693</b>	<b>81,216</b>	<b>75,538</b>	<b>10,996</b>	<b>86,534</b>	<b>91,567</b>	<b>11,277</b>	<b>102,844</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	39,721	4,399	44,120	50,366	4,915	55,281	51,009	5,981	56,990
64. Tunnels and subways .....	1,928	69	1,997	4,204	122	4,326	22,126	123	22,249
65. Incinerators .....	3	1,038	1,041	74	199	273	60	173	233
66. Park systems, landscaping, sodding, etc. ....	951	1,046	1,997	1,916	782	2,698	1,938	762	2,700
67. Swimming pools, tennis courts, outdoor recreation facilities ....	299	234	533	337	320	657	384	320	704
68. Mine shafts and other below surface workings .....	18,041	388	18,429	9,774	706	10,480	7,167	834	8,001
69. Fences, snowsheds, signs, guard rails .....	2,323	2,378	4,701	2,563	2,087	4,650	2,582	2,160	4,742
70. Other engineering construction .....	7,257	1,141	8,398	6,304	1,865	8,169	6,301	924	7,225



TABLE 25. Manitoba

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>275, 383</b>	<b>69, 910</b>	<b>345, 293</b>	<b>331, 048</b>	<b>79, 402</b>	<b>410, 450</b>	<b>316, 154</b>	<b>84, 302</b>	<b>400, 456</b>
<b>Total building construction .....</b>	<b>171, 204</b>	<b>36, 982</b>	<b>208, 186</b>	<b>187, 265</b>	<b>40, 878</b>	<b>228, 143</b>	<b>169, 628</b>	<b>44, 854</b>	<b>214, 482</b>
<b>Residential .....</b>	<b>71, 300</b>	<b>15, 900</b>	<b>87, 200</b>	<b>79, 100</b>	<b>16, 800</b>	<b>95, 900</b>	<b>67, 800</b>	<b>17, 800</b>	<b>85, 600</b>
<b>Industrial .....</b>	<b>36, 200</b>	<b>5, 767</b>	<b>41, 967</b>	<b>34, 691</b>	<b>6, 413</b>	<b>41, 104</b>	<b>21, 535</b>	<b>6, 584</b>	<b>28, 119</b>
2. Factories, plants, workshops, food canneries .....	27, 597	2, 961	30, 558	26, 584	3, 426	30, 010	13, 600	3, 509	17, 109
3. Mine and mine mill buildings .....	6, 282	115	6, 397	5, 943	103	6, 046	5, 032	106	5, 138
4. Railway stations, offices, roadway buildings .....	1, 560	1, 430	2, 990	1, 530	1, 566	3, 096	1, 117	1, 624	2, 741
5. Railway shops, engine houses, water and fuel stations .....	761	1, 261	2, 022	634	1, 318	1, 952	1, 786	1, 345	3, 131
<b>Commercial .....</b>	<b>33, 809</b>	<b>5, 283</b>	<b>41, 092</b>	<b>33, 451</b>	<b>4, 914</b>	<b>38, 365</b>	<b>31, 971</b>	<b>5, 326</b>	<b>37, 297</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 340	469	2, 809	4, 642	561	5, 203	7, 279	593	7, 872
7. Grain elevators .....	1, 039	655	1, 694	1, 165	661	1, 826	818	641	1, 459
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	2, 352	625	2, 977	4, 998	584	5, 582	3, 080	713	3, 793
9. Office buildings .....	12, 817	1, 421	14, 238	9, 004	1, 255	10, 259	6, 738	1, 403	8, 141
10. Stores, retail and wholesale .....	15, 161	1, 662	16, 823	9, 324	1, 327	10, 651	10, 633	1, 324	11, 957
11. Garages and service stations .....	1, 116	217	1, 333	2, 717	263	2, 980	1, 598	255	1, 853
12. Theatres, arenas, amusement and recreational buildings ..	841	142	983	1, 573	176	1, 749	1, 822	334	2, 156
13. Laundries and dry cleaning establishments .....	143	92	235	28	87	115	3	63	66
<b>Institutional .....</b>	<b>18, 170</b>	<b>3, 522</b>	<b>21, 692</b>	<b>28, 719</b>	<b>5, 346</b>	<b>34, 065</b>	<b>37, 071</b>	<b>7, 561</b>	<b>44, 632</b>
14. Schools and other educational buildings .....	12, 725	2, 569	15, 294	20, 974	4, 235	25, 209	25, 226	6, 240	31, 466
15. Churches and other religious buildings .....	1, 066	125	1, 191	1, 663	136	1, 799	1, 361	106	1, 467
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3, 771	653	4, 424	5, 264	891	6, 155	9, 093	1, 001	10, 094
17. Other institutional buildings .....	608	175	783	818	84	902	1, 391	214	1, 605
<b>Other building construction .....</b>	<b>9, 725</b>	<b>6, 510</b>	<b>16, 235</b>	<b>11, 304</b>	<b>7, 405</b>	<b>18, 709</b>	<b>11, 251</b>	<b>7, 583</b>	<b>18, 834</b>
18. Farm buildings (excluding dwellings) .....	7, 237	4, 984	12, 221	8, 594	5, 709	14, 303	8, 320	5, 795	14, 115
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 108	163	1, 271	868	186	1, 054	1, 406	193	1, 599
20. Aeroplane hangars .....	103	304	407	155	317	472	131	323	454
21. Passenger terminals, bus, boat or air .....	200	2	202	231	61	292	203	52	255
22. Armouries, barracks, drill halls, etc. ....	531	959	1, 490	612	1, 001	1, 613	539	996	1, 535
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	156	60	216	295	72	367	126	81	207
24. Other building construction .....	390	38	428	549	59	608	526	143	669
<b>Total engineering construction .....</b>	<b>104, 179</b>	<b>32, 928</b>	<b>137, 107</b>	<b>143, 783</b>	<b>38, 524</b>	<b>182, 307</b>	<b>146, 526</b>	<b>39, 448</b>	<b>185, 974</b>
<b>Marine construction .....</b>	<b>475</b>	<b>137</b>	<b>612</b>	<b>604</b>	<b>278</b>	<b>882</b>	<b>570</b>	<b>258</b>	<b>828</b>
25. Docks, wharves, piers, breakwaters .....	236	123	359	336	204	540	283	207	490
26. Retaining walls, embankments, riprapping .....	25	1	26	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	208	13	221	240	25	265	211	27	238
29. Dyke construction .....	4	—	4	—	—	—	—	—	—
30. Logging booms .....	2	—	2	8	48	56	6	22	28
31. Other marine construction .....	—	—	—	20	1	21	70	2	72

TABLE 25. Manitoba - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>33,464</b>	<b>7,930</b>	<b>41,394</b>	<b>50,121</b>	<b>9,495</b>	<b>59,616</b>	<b>52,642</b>	<b>9,398</b>	<b>62,040</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	14,787	2,300	17,087	23,284	2,767	26,051	25,568	2,667	28,235
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,350	3,159	9,509	4,457	3,871	8,328	4,350	3,835	8,185
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,155	1,060	2,215	19,539	2,245	21,784	20,246	2,280	22,526
35. Grading, scraping, oiling, filling .....	9,138	1,195	10,333	561	386	947	336	363	699
36. Sidewalks, paths .....	513	163	676	525	170	695	596	180	776
37. Aerodromes, landing fields, runways, tarmac .....	1,521	53	1,574	1,755	56	1,811	1,546	73	1,619
<b>Waterworks and sewage systems .....</b>	<b>6,765</b>	<b>1,698</b>	<b>8,463</b>	<b>10,929</b>	<b>2,605</b>	<b>13,534</b>	<b>9,165</b>	<b>2,887</b>	<b>12,052</b>
38. Tile drains, drainage ditches, storm sewers .....	704	593	1,297	731	1,385	2,116	892	1,668	2,560
39. Water mains, hydrants and services .....	2,650	910	3,560	6,391	827	7,218	3,070	839	3,909
40. Sewage systems and connections .....	3,411	173	3,584	3,499	351	3,850	3,614	326	3,940
41. Pumping stations, water .....	—	22	22	224	41	265	1,589	54	1,643
42. Water storage tanks .....	—	—	—	84	1	85	—	—	—
<b>Dams and irrigation .....</b>	<b>1,438</b>	<b>317</b>	<b>1,755</b>	<b>3,446</b>	<b>803</b>	<b>4,249</b>	<b>2,983</b>	<b>466</b>	<b>3,449</b>
43. Dams and reservoirs .....	931	42	973	2,595	73	2,668	2,538	96	2,634
44. Irrigation and land reclamation projects .....	507	275	782	851	730	1,581	445	370	815
<b>Electric power construction .....</b>	<b>20,695</b>	<b>1,423</b>	<b>22,118</b>	<b>31,056</b>	<b>1,753</b>	<b>32,809</b>	<b>21,465</b>	<b>1,822</b>	<b>23,287</b>
45. Electric power generating plants, including water conveying and controlling structures .....	13,629	426	14,055	20,491	473	20,964	11,041	490	11,531
46. Electric transformer stations .....	161	179	340	209	293	502	915	315	1,230
47. Power transmission and distribution lines, trolley wires .....	6,223	791	7,014	9,144	948	10,092	8,350	974	9,324
48. Street lighting .....	682	27	709	1,212	39	1,251	1,159	43	1,202
<b>Railway, telephone and telegraph .....</b>	<b>20,212</b>	<b>15,645</b>	<b>35,857</b>	<b>20,466</b>	<b>17,303</b>	<b>37,769</b>	<b>19,510</b>	<b>18,442</b>	<b>37,952</b>
49. Railway tracks and roadbed .....	15,341	12,766	28,107	14,636	13,315	27,951	12,676	14,087	26,763
50. Signals and interlockers .....	144	288	432	855	750	1,605	649	773	1,422
51. Telegraph and telephone lines, underground and marine cables .....	4,727	2,591	7,318	4,975	3,238	8,213	6,185	3,582	9,767
<b>Gas and oil facilities .....</b>	<b>10,151</b>	<b>953</b>	<b>11,104</b>	<b>12,020</b>	<b>1,431</b>	<b>13,451</b>	<b>23,671</b>	<b>1,264</b>	<b>24,935</b>
52. Gas mains and services .....	2,374	—	2,374	6,348	196	6,544	4,156	202	4,358
53. Pumping stations, oil .....	777	234	1,011	76	119	195	3,653	122	3,775
54. Pumping stations, gas .....	3,222	—	3,222	44	—	44	7,171	—	7,171
55. Oil storage tanks .....	353	37	390	882	132	1,014	580	115	695
56. Gas storage tanks .....	82	—	82	73	—	73	100	—	100
57. Oil pipe lines .....	457	108	565	686	110	796	567	113	680
58. Gas pipe lines .....	—	—	—	69	—	69	6,394	—	6,394
59. Oil wells .....	1,239	416	1,655	406	275	681	559	277	836
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery - Processing units .....	1,647	158	1,805	3,436	599	4,035	491	435	926
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>10,979</b>	<b>4,825</b>	<b>15,804</b>	<b>15,141</b>	<b>4,856</b>	<b>19,997</b>	<b>16,520</b>	<b>4,911</b>	<b>21,431</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,923	1,875	6,798	9,212	1,724	10,936	9,983	1,918	11,901
64. Tunnels and subways .....	—	—	—	109	—	109	77	—	77
65. Incinerators .....	176	13	189	250	16	266	1,150	13	1,163
66. Park systems, landscaping, sodding, etc. ....	176	179	355	15	112	127	14	111	125
67. Swimming pools, tennis courts, outdoor recreation facilities ....	208	8	216	491	73	564	560	123	683
68. Mine shafts and other below surface workings .....	3,826	743	4,569	2,939	558	3,497	2,797	530	3,327
69. Fences, snowsheds, signs, guard rails .....	712	571	1,283	884	706	1,590	845	726	1,571
70. Other engineering construction .....	958	1,436	2,394	1,241	1,667	2,908	1,094	1,490	2,584



TABLE 26. Saskatchewan

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>307,352</b>	<b>75,992</b>	<b>383,344</b>	<b>263,914</b>	<b>78,599</b>	<b>342,513</b>	<b>298,603</b>	<b>81,344</b>	<b>379,947</b>
<b>Total building construction .....</b>	<b>144,040</b>	<b>39,802</b>	<b>183,842</b>	<b>139,575</b>	<b>41,424</b>	<b>180,999</b>	<b>145,031</b>	<b>41,608</b>	<b>186,639</b>
<b>Residential .....</b>	<b>64,200</b>	<b>13,800</b>	<b>78,000</b>	<b>65,100</b>	<b>14,700</b>	<b>79,800</b>	<b>61,000</b>	<b>15,500</b>	<b>76,500</b>
<b>Industrial .....</b>	<b>8,712</b>	<b>3,139</b>	<b>11,851</b>	<b>7,747</b>	<b>3,642</b>	<b>11,389</b>	<b>8,174</b>	<b>3,565</b>	<b>11,739</b>
2. Factories, plants, workshops, food canneries .....	6,129	1,194	7,323	3,481	1,531	5,012	4,799	1,362	6,161
3. Mine and mine mill buildings .....	810	154	964	2,377	167	2,544	1,807	140	1,947
4. Railway stations, offices, roadway buildings .....	1,137	1,260	2,397	1,254	1,307	2,561	1,043	1,380	2,423
5. Railway shops, engine houses, water and fuel stations .....	636	531	1,167	635	637	1,272	525	683	1,208
<b>Commercial .....</b>	<b>26,556</b>	<b>6,671</b>	<b>33,227</b>	<b>24,893</b>	<b>5,816</b>	<b>30,709</b>	<b>27,745</b>	<b>5,878</b>	<b>33,623</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,971	522	3,493	2,769	414	3,183	2,171	486	2,657
7. Grain elevators .....	4,310	2,478	6,788	4,762	2,228	6,990	3,469	2,001	5,470
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	444	469	913	947	503	1,450	3,858	806	4,664
9. Office buildings .....	6,374	1,487	7,861	6,399	1,021	7,420	6,134	979	7,113
10. Stores, retail and wholesale .....	10,730	1,280	12,010	7,144	1,077	8,221	9,253	1,088	10,341
11. Garages and service stations .....	960	293	1,253	1,821	346	2,167	1,611	322	1,933
12. Theatres, arenas, amusement and recreational buildings .....	696	78	774	967	166	1,133	1,118	127	1,245
13. Laundries and dry cleaning establishments .....	71	64	135	84	61	145	131	69	200
<b>Institutional .....</b>	<b>24,256</b>	<b>3,956</b>	<b>28,212</b>	<b>19,974</b>	<b>3,749</b>	<b>23,723</b>	<b>26,547</b>	<b>2,988</b>	<b>29,535</b>
14. Schools and other educational buildings .....	12,582	2,495	15,077	12,742	2,443	15,185	14,254	1,718	15,972
15. Churches and other religious buildings .....	1,778	344	2,122	2,166	339	2,505	2,898	238	3,136
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,414	953	8,367	3,508	726	4,234	6,956	788	7,744
17. Other institutional buildings .....	2,482	164	2,646	1,558	241	1,799	2,439	244	2,683
<b>Other building construction .....</b>	<b>20,316</b>	<b>12,236</b>	<b>32,552</b>	<b>21,861</b>	<b>13,517</b>	<b>35,378</b>	<b>21,565</b>	<b>13,677</b>	<b>35,242</b>
18. Farm buildings (excluding dwellings) .....	16,058	11,547	27,605	17,908	12,807	30,713	18,200	12,987	31,187
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,413	66	1,479	1,836	69	1,905	1,432	87	1,519
20. Aeroplane hangers .....	121	132	253	144	113	257	127	111	238
21. Passenger terminals, bus, boat or air .....	122	—	122	140	—	140	123	—	123
22. Armouries, barracks drill halls, etc. ....	1,091	248	1,339	1,293	212	1,505	1,141	211	1,352
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	897	154	1,051	213	149	362	67	153	220
24. Other building construction .....	614	89	703	329	167	496	475	128	603
<b>Total engineering construction .....</b>	<b>163,312</b>	<b>36,190</b>	<b>199,502</b>	<b>124,339</b>	<b>37,175</b>	<b>161,514</b>	<b>153,572</b>	<b>39,736</b>	<b>193,308</b>
<b>Marine construction .....</b>	<b>726</b>	<b>449</b>	<b>1,175</b>	<b>114</b>	<b>114</b>	<b>228</b>	<b>99</b>	<b>116</b>	<b>215</b>
25. Docks, wharves, piers, breakwaters .....	725	442	1,167	113	111	224	98	113	211
26. Retaining walls, embankments, riprapping .....	1	—	1	1	—	1	1	—	1
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	7	7	—	3	3	—	3	3



TABLE 26. Saskatchewan - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>30,909</b>	<b>11,499</b>	<b>42,408</b>	<b>27,865</b>	<b>10,908</b>	<b>38,773</b>	<b>36,490</b>	<b>11,676</b>	<b>48,166</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	11,756	3,260	15,016	10,949	2,639	13,588	18,823	2,589	21,412
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	11,632	5,831	17,463	10,727	6,066	16,793	11,450	7,014	18,464
34. Dirt, clay or other streets, roads, parking lots, etc. ....	4,006	2,164	6,170	3,066	1,971	5,037	3,374	1,791	5,165
35. Grading, scraping, oiling, filling.....	200	20	220	195	28	223	171	24	195
36. Sidewalks, paths .....	1,798	192	1,990	1,127	168	1,295	1,085	219	1,304
37. Aerodromes, landing fields, runways, tarmac .....	1,517	32	1,549	1,801	36	1,837	1,587	39	1,626
<b>Waterworks and sewage systems .....</b>	<b>7,423</b>	<b>1,393</b>	<b>8,816</b>	<b>11,220</b>	<b>1,609</b>	<b>12,829</b>	<b>8,220</b>	<b>1,757</b>	<b>9,977</b>
38. Tile drains, drainage ditches, storm sewers .....	137	61	198	700	56	756	172	63	235
39. Water mains, hydrants and services .....	2,445	620	3,065	3,016	848	3,864	2,870	878	3,748
40. Sewage systems and connections .....	4,380	475	4,855	6,123	626	6,749	3,004	740	3,744
41. Pumping stations, water .....	461	237	698	1,234	79	1,313	1,293	75	1,368
42. Water storage tanks .....	—	—	—	147	—	147	881	1	882
<b>Dams and irrigation .....</b>	<b>2,546</b>	<b>1,103</b>	<b>3,649</b>	<b>3,413</b>	<b>1,190</b>	<b>4,603</b>	<b>3,981</b>	<b>1,241</b>	<b>5,222</b>
43. Dams and reservoirs .....	1,477	274	1,751	1,521	316	1,837	1,291	357	1,648
44. Irrigation and land reclamation projects .....	1,069	829	1,898	1,892	874	2,766	2,690	884	3,574
<b>Electric power construction .....</b>	<b>25,322</b>	<b>1,812</b>	<b>27,134</b>	<b>20,155</b>	<b>1,890</b>	<b>22,045</b>	<b>27,586</b>	<b>2,163</b>	<b>29,749</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,680	189	3,869	942	654	1,596	10,267	889	11,156
46. Electric transformer stations .....	33	4	37	262	21	283	56	28	84
47. Power transmission and distribution lines, trolley wires .....	21,379	1,309	22,688	18,679	895	19,574	16,918	911	17,829
48. Street lighting.....	230	310	540	272	320	592	345	335	680
<b>Railway, telephone and telegraph .....</b>	<b>16,748</b>	<b>13,524</b>	<b>30,272</b>	<b>17,214</b>	<b>14,421</b>	<b>31,635</b>	<b>16,775</b>	<b>15,462</b>	<b>32,237</b>
49. Railway tracks and roadbed .....	13,195	11,951	25,146	11,848	11,475	23,323	11,245	12,250	23,495
50. Signals and interlockers .....	140	190	330	616	640	1,256	564	667	1,231
51. Telegraph and telephone lines, underground and marine cables .....	3,413	1,383	4,796	4,750	2,306	7,056	4,966	2,545	7,511
<b>Gas and oil facilities .....</b>	<b>70,606</b>	<b>3,239</b>	<b>73,845</b>	<b>32,053</b>	<b>3,496</b>	<b>35,549</b>	<b>46,303</b>	<b>3,597</b>	<b>49,900</b>
52. Gas mains and services .....	2,633	149	2,782	5,598	194	5,792	6,614	217	6,831
53. Pumping stations, oil .....	2,063	368	2,431	449	399	848	1,359	432	1,791
54. Pumping stations, gas .....	15,185	8	15,193	937	—	937	15,246	—	15,246
55. Oil storage tanks .....	870	331	1,201	1,041	314	1,355	729	300	1,029
56. Gas storage tanks .....	—	—	—	208	2	208	316	2	318
57. Oil pipe lines .....	3,594	242	3,836	122	176	298	25	195	220
58. Gas pipe lines .....	15,901	18	15,919	8,626	98	8,724	5,838	80	5,918
59. Oil wells .....	17,796	1,140	18,936	12,091	1,080	13,171	12,097	1,125	13,222
60. Gas wells .....	308	15	323	909	97	1,006	807	107	914
61. Oil refinery —Processing units .....	6,267	968	7,235	1,270	1,086	2,356	3,272	1,062	4,334
62. Natural gas cleaning plants .....	5,989	—	5,989	804	50	854	—	77	77
<b>Other engineering construction .....</b>	<b>9,032</b>	<b>3,171</b>	<b>12,203</b>	<b>12,305</b>	<b>3,547</b>	<b>15,852</b>	<b>14,118</b>	<b>3,724</b>	<b>17,842</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,954	565	2,519	4,644	1,021	5,665	4,672	1,199	5,871
64. Tunnels and subways .....	420	6	426	469	2	471	60	1	61
65. Incinerators .....	9	77	86	5	64	69	404	65	469
66. Park systems, landscaping, sodding, etc. ....	60	110	170	126	42	168	132	42	174
67. Swimming pools, tennis courts, outdoor recreation facilities .....	37	5	42	319	20	339	316	54	370
68. Mine shafts and other below surface workings .....	4,783	566	5,349	4,650	448	5,098	6,423	431	6,854
69. Fences, snowsheds, signs, guard rails .....	1,545	1,543	3,088	1,888	1,632	3,520	1,815	1,669	3,484
70. Other engineering construction .....	224	299	523	204	318	522	296	263	559

TABLE 27. Alberta

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Total value of construction .....	655,616	131,720	787,336	676,276	140,805	817,081	736,823	141,542	878,365
Total building construction .....	313,234	71,534	384,768	317,400	77,384	394,784	333,582	77,295	410,877
Residential .....	179,900	38,700	218,600	168,800	41,000	209,800	161,100	43,400	204,500
Industrial .....	11,586	4,556	16,142	13,722	5,375	19,097	13,225	5,190	18,415
2. Factories, plants, workshops, food canneries .....	9,368	2,672	12,040	12,048	3,436	15,484	11,327	3,196	14,523
3. Mine and mine mill buildings .....	11	106	117	157	71	228	36	51	87
4. Railway stations, offices, roadway buildings .....	980	1,062	2,042	1,013	1,235	2,248	852	1,266	2,118
5. Railway shops, engine houses, water and fuel stations .....	1,227	716	1,943	504	633	1,137	1,010	677	1,687
Commercial .....	43,389	11,265	54,654	49,428	11,830	61,258	59,271	10,007	69,278
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,866	733	4,599	4,035	1,039	5,074	6,492	1,008	7,500
7. Grain elevators .....	1,961	1,403	3,364	1,082	1,270	2,352	1,600	1,158	2,758
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,759	1,469	5,228	4,585	1,779	6,364	4,056	1,254	5,310
9. Office buildings .....	11,837	4,384	16,221	18,127	4,872	22,999	21,856	3,813	25,669
10. Stores, retail and wholesale .....	14,657	1,760	16,417	13,175	1,685	14,860	15,238	1,666	16,904
11. Garages and service stations .....	5,306	488	5,794	5,025	613	5,638	7,537	672	8,209
12. Theatres, arenas, amusement and recreational buildings .....	1,470	993	2,463	3,260	465	3,725	2,404	359	2,763
13. Laundries and dry cleaning establishments .....	533	35	568	139	107	246	88	77	165
Institutional .....	57,807	5,036	62,843	61,976	5,678	67,654	77,824	5,233	83,057
14. Schools and other educational buildings .....	43,066	2,724	45,790	46,780	3,333	50,113	52,409	3,584	55,993
15. Churches and other religious buildings .....	2,101	168	2,269	3,669	530	4,199	3,244	208	3,452
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	9,710	1,590	11,300	10,042	1,363	11,405	16,491	1,122	17,613
17. Other institutional buildings .....	2,930	554	3,484	1,485	452	1,937	5,680	319	5,999
Other building construction .....	20,552	11,977	32,529	23,474	13,501	36,975	22,162	13,465	35,627
18. Farm buildings (excluding dwellings) .....	14,863	10,377	25,240	17,331	11,989	29,320	17,203	12,079	29,282
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,414	228	3,642	2,159	244	2,403	2,421	240	2,661
20. Aeroplane hangars .....	204	236	440	286	201	487	252	200	452
21. Passenger terminals, bus, boat or air .....	—	51	51	—	90	90	—	10	10
22. Armouries, barracks, drill halls, etc. ....	855	792	1,647	1,184	662	1,846	1,043	658	1,701
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	779	196	975	1,303	229	1,532	740	206	946
24. Other building construction .....	437	97	534	1,211	86	1,297	503	72	575
Total engineering construction .....	342,382	60,186	402,568	358,876	63,421	422,297	403,241	64,247	467,488
Marine construction .....	138	314	452	1,353	380	1,733	1,394	357	1,751
25. Docks, wharves, piers, breakwaters .....	125	24	149	719	132	851	770	112	882
26. Retaining walls, embankments, riprapping .....	4	—	4	634	—	634	624	—	624
27. Canals and waterways .....	—	16	16	—	15	15	—	13	13
28. Dredging and pile driving .....	—	272	272	—	231	231	—	230	230
29. Dyke construction .....	9	2	11	—	2	2	—	2	2
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	—	—	—	—	—	—



TABLE 27. Alberta - Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>63,298</b>	<b>24,000</b>	<b>87,298</b>	<b>68,136</b>	<b>25,831</b>	<b>93,967</b>	<b>70,616</b>	<b>26,404</b>	<b>97,020</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	31,213	7,935	39,148	33,307	4,354	37,661	36,574	4,470	41,044
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	14,857	10,907	25,764	17,984	16,971	34,955	17,311	17,675	34,986
34. Dirt, clay or other streets, roads, parking lots, etc. ....	7,523	3,877	11,400	4,914	3,359	8,273	4,926	3,059	7,985
35. Grading, scraping, oiling, filling.....	6,383	45	6,428	8,163	730	8,893	8,009	739	8,748
36. Sidewalks, paths .....	3,272	1,124	4,396	3,687	312	3,999	3,765	367	4,132
37. Aerodromes, landing fields, runways, tarmac .....	50	112	162	81	105	186	31	94	125
<b>Waterworks and sewage systems .....</b>	<b>19,868</b>	<b>2,133</b>	<b>22,001</b>	<b>21,516</b>	<b>2,687</b>	<b>24,203</b>	<b>18,191</b>	<b>2,334</b>	<b>20,525</b>
38. Tile drains, drainage ditches, storm sewers .....	324	74	398	557	138	695	870	57	927
39. Water mains, hydrants and services .....	5,558	1,229	6,787	6,282	1,527	7,809	7,178	1,672	8,850
40. Sewage systems and connections .....	13,387	694	14,081	14,214	875	15,089	9,204	459	9,663
41. Pumping stations, water .....	80	129	209	123	145	268	804	143	947
42. Water storage tanks .....	519	7	526	340	2	342	135	3	138
<b>Dams and irrigation .....</b>	<b>5,831</b>	<b>1,139</b>	<b>6,970</b>	<b>5,589</b>	<b>1,065</b>	<b>6,654</b>	<b>7,574</b>	<b>1,070</b>	<b>8,644</b>
43. Dams and reservoirs .....	361	208	569	817	98	915	3,516	99	3,615
44. Irrigation and land reclamation projects .....	5,470	931	6,401	4,772	967	5,739	4,058	971	5,029
<b>Electric power construction .....</b>	<b>14,878</b>	<b>2,815</b>	<b>17,693</b>	<b>14,467</b>	<b>2,752</b>	<b>17,219</b>	<b>18,829</b>	<b>2,826</b>	<b>21,655</b>
45. Electric power generating plants, including water conveying and controlling structures.....	2,547	269	2,816	1,884	192	2,076	4,594	196	4,790
46. Electric transformer stations .....	1,651	173	1,824	1,829	173	2,002	2,025	185	2,210
47. Power transmission and distribution lines, trolley wires .....	8,717	2,127	10,844	8,428	2,112	10,540	10,180	2,162	12,342
48. Street lighting .....	1,963	246	2,209	2,326	275	2,601	2,030	283	2,313
<b>Railway, telephone and telegraph .....</b>	<b>18,918</b>	<b>13,788</b>	<b>32,706</b>	<b>22,152</b>	<b>14,303</b>	<b>36,455</b>	<b>24,091</b>	<b>14,991</b>	<b>39,082</b>
49. Railway tracks and roadbed .....	12,389	11,860	24,249	12,080	11,703	23,783	14,470	12,092	26,562
50. Signals and interlockers .....	95	294	389	539	593	1,132	571	602	1,173
51. Telegraph and telephone lines, underground and marine cables .....	6,434	1,634	8,068	9,533	2,007	11,540	9,050	2,297	11,347
<b>Gas and oil facilities.....</b>	<b>205,661</b>	<b>11,179</b>	<b>216,840</b>	<b>208,074</b>	<b>10,385</b>	<b>218,459</b>	<b>245,429</b>	<b>10,168</b>	<b>255,597</b>
52. Gas mains and services .....	3,534	651	4,185	7,276	652	7,928	3,942	724	4,666
53. Pumping stations, oil .....	634	251	885	1,281	440	1,721	1,486	509	1,995
54. Pumping stations, gas.....	177	3	180	1,450	48	1,498	974	50	1,024
55. Oil storage tanks .....	3,289	191	3,480	3,650	208	3,858	3,985	208	4,193
56. Gas storage tanks .....	497	297	794	5	11	16	4	14	18
57. Oil pipe lines .....	11,888	496	12,384	4,392	333	4,725	4,942	382	5,324
58. Gas pipe lines .....	33,050	318	33,368	24,819	342	25,161	16,850	332	17,182
59. Oil wells .....	93,880	4,508	98,388	104,040	3,306	107,346	133,412	3,468	136,880
60. Gas wells .....	20,017	531	20,548	32,197	1,173	33,370	28,847	1,203	30,050
61. Oil refinery - Processing units .....	12,066	3,499	15,565	7,680	2,996	10,676	4,325	2,381	6,706
62. Natural gas cleaning plants .....	26,629	434	27,063	21,284	876	22,160	46,662	897	47,559
<b>Other engineering construction.....</b>	<b>13,790</b>	<b>4,818</b>	<b>18,608</b>	<b>17,589</b>	<b>6,018</b>	<b>23,607</b>	<b>17,117</b>	<b>6,097</b>	<b>23,214</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,945	3,561	11,506	11,522	4,659	16,181	11,131	4,723	15,854
64. Tunnels and subways .....	390	9	399	85	10	95	537	10	547
65. Incinerators.....	36	8	44	23	32	55	-	8	8
66. Park systems, landscaping, sodding, etc. ....	990	207	1,197	1,601	162	1,763	1,320	182	1,502
67. Swimming pools, tennis courts, outdoor recreation facilities ....	534	87	621	750	74	824	661	74	735
68. Mine shafts and other below surface workings .....	180	-	180	75	13	88	-	18	18
69. Fences, snowsheds, signs, guard rails .....	1,060	833	1,893	1,433	950	2,383	1,419	966	2,385
70. Other engineering construction .....	2,655	113	2,768	2,100	118	2,218	2,049	116	2,165



TABLE 28. British Columbia

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>662,728</b>	<b>140,758</b>	<b>803,486</b>	<b>671,242</b>	<b>144,127</b>	<b>815,369</b>	<b>674,864</b>	<b>149,275</b>	<b>824,139</b>
<b>Total building construction .....</b>	<b>351,340</b>	<b>78,666</b>	<b>430,006</b>	<b>364,726</b>	<b>80,883</b>	<b>445,609</b>	<b>369,258</b>	<b>82,740</b>	<b>451,998</b>
<b>Residential .....</b>	<b>210,300</b>	<b>46,000</b>	<b>256,300</b>	<b>212,800</b>	<b>48,700</b>	<b>261,500</b>	<b>203,500</b>	<b>51,700</b>	<b>255,200</b>
<b>Industrial .....</b>	<b>21,392</b>	<b>9,426</b>	<b>30,818</b>	<b>20,217</b>	<b>9,936</b>	<b>30,153</b>	<b>29,136</b>	<b>9,753</b>	<b>38,889</b>
2. Factories, plants, workshops, food canneries .....	18,812	7,463	26,275	18,018	7,590	25,608	27,278	7,442	34,720
3. Mine and mine mill buildings .....	504	425	929	258	431	689	533	317	850
4. Railway stations, offices, roadway buildings .....	1,383	1,024	2,407	1,425	1,372	2,797	810	1,426	2,236
5. Railway shops, engine houses, water and fuel stations .....	693	514	1,207	516	543	1,059	515	568	1,083
<b>Commercial .....</b>	<b>53,470</b>	<b>9,892</b>	<b>63,362</b>	<b>64,399</b>	<b>9,722</b>	<b>74,121</b>	<b>64,769</b>	<b>10,139</b>	<b>74,908</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9,818	1,449	11,267	5,782	1,357	7,139	11,123	1,482	12,605
7. Grain elevators .....	587	96	683	1,047	232	1,279	260	114	374
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,755	1,697	3,452	5,194	1,526	6,720	5,531	1,522	7,053
9. Office buildings .....	20,689	2,651	23,340	20,248	2,831	23,079	19,956	3,023	22,979
10. Stores, retail and wholesale .....	14,913	2,674	17,587	22,693	2,525	25,218	21,525	2,698	24,223
11. Garages and service stations .....	3,250	837	4,087	6,471	779	7,250	3,765	807	4,572
12. Theatres, arenas, amusement and recreational buildings .....	2,417	384	2,801	2,880	354	3,234	2,280	375	2,655
13. Laundries and dry cleaning establishments .....	41	104	145	84	118	202	329	118	447
<b>Institutional .....</b>	<b>52,246</b>	<b>6,714</b>	<b>58,960</b>	<b>50,240</b>	<b>6,253</b>	<b>56,493</b>	<b>51,824</b>	<b>4,729</b>	<b>56,553</b>
14. Schools and other educational buildings .....	27,965	3,644	31,609	28,127	3,305	31,432	27,856	3,373	31,229
15. Churches and other religious buildings .....	1,161	178	1,339	3,146	304	3,450	3,567	422	3,989
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	19,157	905	20,062	16,893	2,449	19,342	19,145	709	19,854
17. Other institutional buildings .....	3,963	1,987	5,950	2,074	195	2,269	1,256	225	1,481
<b>Other building construction .....</b>	<b>13,932</b>	<b>6,634</b>	<b>20,566</b>	<b>17,070</b>	<b>6,272</b>	<b>23,342</b>	<b>20,029</b>	<b>6,419</b>	<b>26,448</b>
18. Farm buildings (excluding dwellings) .....	4,327	2,823	7,150	4,872	3,094	7,966	4,780	3,182	7,962
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,538	235	3,773	5,922	294	6,216	6,686	434	7,120
20. Aeroplane hangars .....	269	66	335	64	358	422	3,922	373	4,295
21. Passenger terminals, bus, boat or air .....	321	—	321	357	17	374	314	16	330
22. Armouries, barracks, drill halls, etc. ....	1,148	1,195	2,343	1,265	1,083	2,348	1,115	1,080	2,195
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,786	1,720	3,506	1,866	1,154	3,020	1,101	1,069	2,170
24. Other building construction .....	2,543	595	3,138	2,724	272	2,996	2,111	265	2,376
<b>Total engineering construction .....</b>	<b>311,388</b>	<b>62,092</b>	<b>373,480</b>	<b>306,516</b>	<b>63,244</b>	<b>369,760</b>	<b>305,606</b>	<b>66,535</b>	<b>372,141</b>
<b>Marine construction .....</b>	<b>9,073</b>	<b>2,540</b>	<b>11,613</b>	<b>7,774</b>	<b>2,418</b>	<b>10,192</b>	<b>9,624</b>	<b>2,437</b>	<b>12,061</b>
25. Docks, wharves, piers, breakwaters .....	7,985	1,834	9,819	6,638	1,679	8,317	7,701	1,720	9,421
26. Retaining walls, embankments, riprapping .....	151	77	228	148	31	179	308	18	326
27. Canals and waterways .....	21	—	21	—	—	—	—	—	—
28. Dredging and pile driving .....	138	208	346	91	300	391	304	237	541
29. Dyke construction .....	15	61	76	10	62	72	9	90	99
30. Logging booms .....	78	277	355	226	272	498	719	299	1,018
31. Other marine construction .....	685	83	768	661	74	735	583	73	656

TABLE 28. British Columbia — Concluded

Type of structure	1958			1959			1960		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>79,218</b>	<b>21,131</b>	<b>100,349</b>	<b>89,939</b>	<b>21,983</b>	<b>111,942</b>	<b>93,135</b>	<b>23,043</b>	<b>116,178</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	39,567	3,510	43,077	48,053	4,739	52,792	48,813	5,383	54,196
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	20,303	13,812	34,115	22,383	12,990	35,373	22,414	12,707	35,121
34. Dirt, clay or other streets, roads, parking lots, etc. ....	10,006	2,771	12,777	9,282	2,860	12,142	12,457	3,558	16,015
35. Grading, scraping, oiling, filling .....	203	668	871	164	1,044	1,208	114	1,042	1,156
36. Sidewalks, paths .....	1,053	348	1,401	1,173	331	1,504	1,493	334	1,827
37. Aerodromes, landing fields, runways, tarmac .....	8,086	22	8,108	8,904	19	8,923	7,844	19	7,863
<b>Waterworks and sewage systems .....</b>	<b>13,348</b>	<b>4,792</b>	<b>18,140</b>	<b>15,798</b>	<b>4,755</b>	<b>20,553</b>	<b>17,840</b>	<b>4,908</b>	<b>22,748</b>
38. Tile drains, drainage ditches, storm sewers .....	702	1,705	2,407	436	1,752	2,188	536	1,714	2,250
39. Water mains, hydrants and services .....	6,995	2,039	9,034	8,235	2,014	10,249	6,993	2,120	9,113
40. Sewage systems and connections .....	5,032	987	6,019	6,544	924	7,468	10,089	1,028	11,117
41. Pumping stations, water .....	558	34	592	349	61	410	220	44	264
42. Water storage tanks .....	61	27	88	234	4	238	2	2	4
<b>Dams and irrigation .....</b>	<b>16,333</b>	<b>1,075</b>	<b>17,408</b>	<b>6,695</b>	<b>994</b>	<b>7,689</b>	<b>5,330</b>	<b>1,016</b>	<b>6,346</b>
43. Dams and reservoirs .....	15,957	916	16,873	6,294	823	7,117	4,957	840	5,797
44. Irrigation and land reclamations projects .....	376	159	535	401	171	572	373	176	549
<b>Electric power construction .....</b>	<b>59,507</b>	<b>4,994</b>	<b>64,501</b>	<b>66,139</b>	<b>4,405</b>	<b>70,544</b>	<b>54,261</b>	<b>4,650</b>	<b>58,911</b>
45. Electric power generating plants, including water conveying and controlling structures .....	36,728	810	37,538	37,342	810	38,152	14,392	824	15,216
46. Electric transformer stations .....	1,306	510	1,816	830	327	1,157	1,852	377	2,229
47. Power transmission and distribution lines, trolley wires .....	19,939	2,882	22,821	26,863	2,454	29,317	36,862	2,492	39,354
48. Street lighting .....	1,534	792	2,326	1,104	814	1,918	1,155	957	2,112
<b>Railway, telephone and telegraph .....</b>	<b>36,591</b>	<b>17,051</b>	<b>53,642</b>	<b>32,314</b>	<b>17,095</b>	<b>49,409</b>	<b>23,830</b>	<b>18,180</b>	<b>42,010</b>
49. Railway tracks and roadbed .....	22,633	13,869	36,502	16,659	13,312	29,971	12,448	14,246	26,694
50. Signals and interlockers .....	119	355	474	713	686	1,399	546	678	1,224
51. Telegraph and telephone lines, underground and marine cables	13,839	2,827	16,666	14,942	3,097	18,039	10,836	3,256	14,092
<b>Gas and oil facilities .....</b>	<b>54,707</b>	<b>3,915</b>	<b>58,622</b>	<b>31,042</b>	<b>3,897</b>	<b>34,939</b>	<b>55,076</b>	<b>4,102</b>	<b>59,178</b>
52. Gas mains and services .....	10,485	314	10,799	12,227	472	12,699	12,194	520	12,714
53. Pumping stations, oil .....	21	18	39	63	129	192	106	149	255
54. Pumping stations, gas .....	728	211	939	71	214	285	7,678	214	7,892
55. Oil storage tanks .....	3,794	456	4,250	2,289	367	2,656	1,363	336	1,699
56. Gas storage tanks .....	39	—	39	—	—	—	—	—	—
57. Oil pipe lines .....	510	319	829	73	186	259	28	265	293
58. Gas pipe lines .....	7,375	200	7,575	1,314	176	1,490	8,481	200	8,681
59. Oil wells .....	7,887	90	7,977	7,813	29	7,842	16,989	28	17,017
60. Gas wells .....	6,419	10	6,429	5,905	39	5,944	3,083	74	3,157
61. Oil refinery — Processing units .....	15,434	2,047	17,481	1,237	2,016	3,253	5,154	2,097	7,251
62. Natural gas cleaning plants .....	2,015	250	2,265	50	269	319	—	219	219
<b>Other engineering construction .....</b>	<b>42,611</b>	<b>6,594</b>	<b>49,205</b>	<b>56,795</b>	<b>7,697</b>	<b>64,492</b>	<b>46,510</b>	<b>8,199</b>	<b>54,709</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	24,252	3,099	27,351	45,947	3,998	49,945	39,692	4,410	44,102
64. Tunnels and subways .....	11,238	—	11,238	3,008	—	3,008	773	—	773
65. Incinerators .....	38	17	55	22	5	27	5	10	15
66. Park systems, landscaping, sodding, etc. ....	337	190	527	375	281	656	325	288	613
67. Swimming pools, tennis courts, outdoor recreation facilities ...	106	22	128	113	21	134	83	25	108
68. Mine shafts and other below surface workings .....	1,158	64	1,222	1,188	62	1,250	697	45	742
69. Fences, snowsheds, signs, guard rails .....	746	1,023	1,769	557	895	1,452	597	926	1,523
70. Other engineering construction .....	4,736	2,179	6,915	5,585	2,435	8,020	4,338	2,495	6,833



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insurance,

fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as car services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 74 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1960".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1957 of all the firms in each industry by the corresponding 1957 total for the firms reporting in the 1960 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1957 and 1960 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 74 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1959 preliminary actual figures and the 1960 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1959 to 1960 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1958 and 1959 were prepared by Central Mortgage and Housing Corporation. Appraisals of the probable volume of housing construction in 1960 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1960.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1958 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1958 to 1960. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1959 and 1960 an average annual earnings figure was computed from 1958, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



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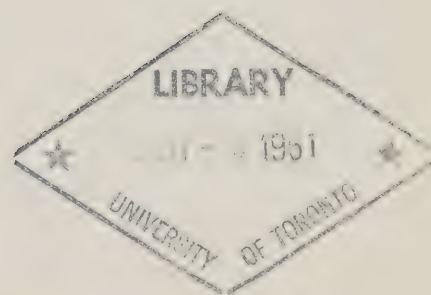
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CANADA

CONSTRUCTION IN CANADA  
1959-61



DOMINION BUREAU OF STATISTICS

Business Finance Division

Operations Section





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# CONSTRUCTION IN CANADA

1959-61

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1959 and 1960 and provides estimates of the intended program for 1961. The information given for 1960 is preliminary whereas that shown for 1959 and earlier years is final. The probable volume of construction that will be realized in 1961 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1961", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on labour content in terms of numbers of persons and value and cost of materials used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's 1960 construction program reached \$6.9 billion, a 2.7 per cent decrease from the previous year's level of \$7.1 billion. New construction decreased 3.9 per cent from \$5,711 million in 1959 to \$5,489 million in 1960, while at the same time repair construction increased from \$1,367 million to \$1,400 million.

Most types of building construction were lower in 1960, with a substantial decline in residential construction, and smaller reductions in most other structures with the exception of mine buildings, office buildings, schools and broadcasting buildings, where small gains were made.

Outlays for engineering structures increased slightly in 1960 from the previous year, but the \$2,876 million program is slightly lower than the level of spending in 1957 and 1958. Increases in engineering structures in 1960 occurred in outlays for roads and bridges and for the drilling of gas wells, with most other structures remaining at the 1959 level.

Increasing repair expenditures on schools and roads in 1960 accounted for the slight increase over 1959 in total repair expenditures. Repairs to other structures remained relatively unchanged between the two years.

Year	Total new and repair construction	% change over previous year in	
		Value	Volume
	millions of \$		
1952 .....	4,444	15.2	8.1
1953 .....	4,826	8.6	4.6
1954 .....	4,842	0.3	0.0
1955 .....	5,308	9.6	7.2
1956 .....	6,454	21.6	16.0
1957 .....	7,023	8.8	4.7
1958 .....	7,092	1.0	-0.9
1959 .....	7,077	-0.2	-3.1
1960 .....	6,889	-2.7	-5.4
1961 .....	7,132	3.5	—



### Construction in Current and Constant Dollars

The 1960 construction program of \$6,889 million, decreased in current dollars, 2.7 per cent from the previous year, while in constant (1949) dollars the decrease was 5.4 per cent. New construction decreased 6.2 per cent in volume terms, between the two years, while repair construction decreased only 1.8 per cent.

The volume of repair construction has increased less than five per cent since 1952, which is a relatively small increase considering the amount of new construction added to the stock of fixed assets during the last decade.

In 1960, the total construction program as a percentage of gross national product decreased for the third year. In 1957, construction in Canada amounted to 22.0 per cent of gross national product in value terms and 20.2 per cent in volume. Since that time, the construction program has been a progressively smaller percentage of gross national product each year, declining in 1960 to 19.2 per cent and 17.2 per cent in value and volume respectively.

**TABLE 1. Construction Work Performed, Current and Constant (1949) Dollars 1952 - 61<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	millions of dollars							
1952 .....	3,434	2,731	1,010	798	4,444	3,529	18.5	17.6
1953 .....	3,756	2,892	1,070	800	4,826	3,692	19.3	17.8
1954 .....	3,737	2,875	1,105	816	4,842	3,691	19.5	18.3
1955 .....	4,167	3,129	1,141	826	5,308	3,955	19.6	18.0
1956 .....	5,272	3,776	1,182	812	6,454	4,588	21.1	19.3
1957 .....	5,785	3,995	1,238	810	7,023	4,805	22.0	20.2
1958 .....	5,831	3,957	1,261	804	7,092	4,761	21.6	19.8
1959 .....	5,710	3,774	1,367	840	7,077	4,614	20.3	18.6
1960 .....	5,489	3,541	1,400	825	6,889	4,366	19.2	17.2
1961 .....	5,689	—	1,443	—	7,132	—	—	—

<sup>1</sup> Actual 1952-59, preliminary 1960, intentions 1961.

### Value of Work Done by Contract

The value of work performed by firms primarily engaged in construction activity, declined \$320 million from \$5,269 million in 1959 to \$4,949 million in 1960. At the same time construction work done by the employees of firms primarily engaged in a type of business other than construction, increased by \$132 million from \$1,808 million in 1959 to \$1,940 million in 1960.

The decrease in contract construction was entirely in new work which declined by 7.1 per cent while repair work done by contract increased by 2.1 per cent. Construction work done by firms other than construction contractors increased 7.3 per cent in 1960 over the previous year, new work increasing by 10.8 per cent and repair work up 2.7 per cent.

**TABLE 2. Value of Construction Work Performed, by Contractors and Other 1957 - 61<sup>1</sup>**

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1957 .....	4,770	551	5,321	1,015	687	1,702	5,785	1,238	7,023
1958 .....	4,844	597	5,441	987	664	1,651	5,831	1,261	7,092
1959 .....	4,685	584	5,269	1,025	783	1,808	5,710	1,367	7,077
1960 .....	4,353	596	4,949	1,136	804	1,940	5,489	1,400	6,889
1961 .....	4,608	614	5,222	1,081	829	1,910	5,689	1,443	7,132

<sup>1</sup> Actual 1957-59, preliminary 1960, intention 1961.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

### Principal Types of Construction

Building construction in 1960 accounted for 58.3 per cent of the total construction program, a slight decline from 59.9 per cent in 1959. The decline in residential construction in 1960, reduced the importance of this type of construction from 30.9 per cent in 1960. Industrial and commercial structures gained slightly in importance between the two years.

Engineering construction, 41.7 per cent of total construction in 1960 increased slightly from the

previous year, but remains lower than the level and importance of this type of construction in 1957 and 1958. Road, highway and aerodrome construction in 1960 of \$825 million accounted for 11.8 per cent of all construction. This type of construction has continued to increase in size and importance. Other types of engineering work accounted for approximately the same percentage of total work in 1960 as in the previous year.

**TABLE 3. Value of Construction Work Performed, by Principal Types of Construction 1957-61<sup>1</sup>**

	1957		1958		1959		1960		1961	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%
<b>Total construction .....</b>	<b>7,023</b>	<b>100.0</b>	<b>7,092</b>	<b>100.0</b>	<b>7,077</b>	<b>100.0</b>	<b>6,889</b>	<b>100.0</b>	<b>7,132</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>3,886</b>	<b>55.3</b>	<b>4,102</b>	<b>57.8</b>	<b>4,240</b>	<b>59.9</b>	<b>4,013</b>	<b>58.3</b>	<b>4,200</b>	<b>58.9</b>
Residential .....	1,813	25.8	2,189	30.9	2,183	30.9	1,944	28.3	2,044	28.8
Industrial .....	611	8.7	396	5.5	416	5.9	438	6.4	409	5.7
Commercial .....	656	9.3	689	9.7	759	10.7	712	10.3	714	10.0
Institutional .....	519	7.4	550	7.8	569	8.0	613	8.9	723	10.1
Other building .....	287	4.1	278	3.9	313	4.4	306	4.4	310	4.3
<b>Total engineering .....</b>	<b>3,137</b>	<b>44.7</b>	<b>2,990</b>	<b>42.2</b>	<b>2,837</b>	<b>40.1</b>	<b>2,876</b>	<b>41.7</b>	<b>2,932</b>	<b>41.1</b>
Marine construction .....	158	2.2	155	2.2	134	1.9	102	1.5	89	1.2
Road highway and aerodrome construction .....	709	10.1	712	10.0	791	11.1	825	11.8	815	11.5
Waterworks and sewage systems ....	200	2.8	198	2.8	226	3.2	219	3.2	252	3.5
Dams and irrigation .....	86	1.2	50	0.7	60	0.8	74	1.1	133	1.9
Electric power construction .....	508	7.2	501	7.1	395	5.6	397	5.8	381	5.3
Railway, telephone and telegraph construction .....	405	5.8	401	5.7	458	6.5	453	6.6	390	5.5
Gas and oil facilities .....	741	10.7	650	9.2	464	6.6	475	6.9	535	7.5
Other engineering construction .....	330	4.7	323	4.5	309	4.4	331	4.8	337	4.7

<sup>1</sup> Actual 1957-59, preliminary 1960, intentions 1961.



TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1957-61<sup>1</sup>

Type of structure	1957	1958	1959	1960	1961
thousands of dollars					
<b>Total value of construction</b> .....	<b>7,023,058</b>	<b>7,092,481</b>	<b>7,077,383</b>	<b>6,888,515</b>	<b>7,131,598</b>
<b>Total building construction</b> .....	<b>3,886,525</b>	<b>4,101,751</b>	<b>4,240,059</b>	<b>4,012,541</b>	<b>4,200,028</b>
<b>Residential</b> .....	<b>1,813,000</b>	<b>2,189,000</b>	<b>2,183,000</b>	<b>1,943,700</b>	<b>2,044,100</b>
<b>Industrial</b> .....	<b>610,670</b>	<b>395,503</b>	<b>415,814</b>	<b>438,031</b>	<b>408,975</b>
2. Factories, plants, workshops, food canneries .....	443,073	317,550	344,692	347,014	314,959
3. Mine and mine mill buildings .....	127,790	35,746	30,071	52,262	59,756
4. Railway stations, offices, roadway buildings .....	22,719	24,599	25,650	22,493	20,287
5. Railway shops, engine houses, water and fuel stations .....	17,088	17,608	15,401	16,262	13,973
<b>Commercial</b> .....	<b>656,196</b>	<b>688,763</b>	<b>759,065</b>	<b>711,675</b>	<b>714,572</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	90,899	73,920	80,951	85,113	69,944
7. Grain elevators .....	19,776	25,915	27,329	20,744	29,099
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	67,393	50,413	61,122	49,811	34,881
9. Office buildings .....	223,653	263,742	287,136	305,906	345,059
10. Stores, retail and wholesale .....	165,246	197,395	195,063	168,130	151,677
11. Garages and service stations .....	59,291	47,908	53,466	46,191	46,727
12. Theatres, arenas, amusement and recreational buildings .....	27,684	24,091	52,076	34,386	35,887
13. Laundries and dry cleaning establishments .....	2,254	5,379	1,922	1,394	1,298
<b>Institutional</b> .....	<b>519,191</b>	<b>550,034</b>	<b>569,109</b>	<b>612,993</b>	<b>722,632</b>
14. Schools and other educational buildings .....	284,985	306,130	307,661	363,722	378,635
15. Churches and other religious buildings .....	48,708	53,076	64,421	61,375	52,247
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	136,649	156,891	153,057	152,366	252,937
17. Other institutional buildings .....	48,849	33,937	43,970	35,530	38,813
<b>Other building construction</b> .....	<b>287,468</b>	<b>278,451</b>	<b>313,071</b>	<b>306,142</b>	<b>309,749</b>
18. Farm buildings (excluding dwellings) .....	146,776	161,706	172,359	169,910	171,621
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	53,108	41,018	41,973	55,758	52,197
20. Aeroplane hangars .....	12,216	6,012	26,352	14,904	13,775
21. Passenger terminals, bus, boat or air .....	7,738	12,220	11,476	10,949	14,524
22. Armouries, barracks, drill halls, etc. ....	27,179	24,113	22,176	21,180	23,086
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	22,197	16,700	21,454	18,694	19,351
24. Other building construction .....	18,254	16,682	17,281	14,747	15,195
<b>Total engineering construction</b> .....	<b>3,136,533</b>	<b>2,990,730</b>	<b>2,837,324</b>	<b>2,875,974</b>	<b>2,931,570</b>
<b>Marine construction</b> .....	<b>158,158</b>	<b>155,032</b>	<b>134,460</b>	<b>102,458</b>	<b>89,242</b>
25. Docks, wharves, piers, breakwaters .....	43,131	60,818	61,675	68,329	63,278
26. Retaining walls, embankments, riprapping .....	2,136	2,419	2,980	2,635	2,958
27. Canals and waterways .....	73,824	36,357	4,384	2,749	1,795
28. Dredging and pile driving .....	20,905	49,068	51,390	21,884	13,717
29. Dyke construction .....	1,386	1,496	3,224	2,194	2,439
30. Logging booms .....	1,794	1,101	1,452	1,410	1,303
31. Other marine construction .....	14,982	3,773	9,355	3,257	3,752

<sup>1</sup> Actual 1957-59, preliminary 1960, intentions 1961.



TABLE 4. Value of Construction Work Performed by Type of Structure, Total 1957-61<sup>1</sup> - Concluded

Type of structure	1957	1958	1959	1960	1961
	thousands of dollars				
<b>Road, highway and aerodrome construction</b> .....	<b>708,780</b>	<b>711,854</b>	<b>791,059</b>	<b>825,268</b>	<b>814,898</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	361,786	424,700	398,241	492,638	503,847
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	210,775	169,653	253,712	195,614	174,098
34. Dirt, clay or other streets, roads, parking lots, etc. ....	57,812	47,925	48,958	62,476	58,657
35. Grading, scraping, oiling, filling .....	29,250	19,924	30,001	11,522	11,369
36. Sidewalks, paths .....	17,567	19,563	18,502	22,998	21,350
37. Aerodromes, landing fields, runways, tarmac .....	31,590	30,089	41,645	40,020	45,577
<b>Waterworks and sewage systems</b> .....	<b>200,108</b>	<b>197,546</b>	<b>225,707</b>	<b>219,004</b>	<b>252,033</b>
38. Tile drains, drainage ditches, storm sewers .....	23,587	21,401	13,929	14,298	14,349
39. Water mains, hydrants and services .....	76,823	72,320	83,136	78,011	91,872
40. Sewage systems and connections .....	88,132	91,239	112,674	109,892	128,789
41. Pumping stations, water .....	9,150	6,976	13,883	14,809	15,035
42. Water storage tanks .....	2,416	5,610	2,085	1,994	1,988
<b>Dams and irrigation</b> .....	<b>85,932</b>	<b>50,169</b>	<b>60,011</b>	<b>73,580</b>	<b>133,020</b>
43. Dams and reservoirs .....	70,915	35,693	45,693	59,939	118,114
44. Irrigation and land reclamation projects .....	15,017	14,476	14,318	13,641	14,906
<b>Electric power construction</b> .....	<b>507,554</b>	<b>501,216</b>	<b>394,829</b>	<b>396,844</b>	<b>380,443</b>
45. Electric power generating plants, including water conveying and controlling structures .....	254,627	229,925	161,752	166,373	126,326
46. Electric transformer stations .....	45,471	53,462	45,848	39,707	43,434
47. Power transmission and distribution lines, trolley wires .....	197,028	204,345	171,652	176,170	195,692
48. Street lighting .....	10,428	13,484	15,577	14,594	14,991
<b>Railway, telephone and telegraph</b> .....	<b>405,436</b>	<b>401,400</b>	<b>457,825</b>	<b>452,617</b>	<b>389,648</b>
49. Railway tracks and roadbed .....	261,167	259,858	282,338	265,801	219,817
50. Signals and interlockers .....	11,321	6,602	12,839	13,293	13,040
51. Telegraph and telephone lines, underground and marine cables .....	132,948	134,940	162,648	173,523	156,791
<b>Gas and oil facilities</b> .....	<b>740,481</b>	<b>650,524</b>	<b>464,134</b>	<b>475,460</b>	<b>535,107</b>
52. Gas mains and services .....	61,786	62,947	78,710	60,383	51,253
53. Pumping stations, oil .....	15,302	5,103	3,268	4,908	1,807
54. Pumping stations, gas .....	16,844	24,941	15,869	32,625	16,077
55. Oil storage tanks .....	28,333	21,959	23,618	24,287	18,659
56. Gas storage tanks .....	1,769	3,465	1,667	11,568	1,479
57. Oil pipe lines .....	50,215	19,332	18,650	42,562	13,509
58. Gas pipe lines .....	230,797	209,115	38,148	16,802	118,137
59. Oil wells .....	166,081	128,033	134,963	131,886	131,122
60. Gas wells .....	23,143	29,043	31,805	54,505	48,398
61. Oil refinery - processing units .....	110,907	111,269	92,665	72,535	57,116
62. Natural gas cleaning plants .....	35,304	35,317	24,771	23,399	77,550
<b>Other engineering construction</b> .....	<b>330,084</b>	<b>322,989</b>	<b>309,299</b>	<b>330,743</b>	<b>337,179</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	168,103	187,640	183,110	208,609	208,086
64. Tunnels and subways .....	53,619	37,110	26,829	26,180	31,092
65. Incinerators .....	957	1,870	2,949	1,940	1,590
66. Park systems, landscaping, sodding, etc. ....	6,350	9,054	9,100	8,348	8,824
67. Swimming pools, tennis courts, outdoor recreation facilities .....	2,545	3,338	5,139	6,030	6,317
68. Mine shafts and other below surface workings .....	55,355	35,858	33,437	29,063	26,795
69. Fences, snowsheds, signs, guard rails .....	18,826	16,885	20,058	18,029	18,533
70. Other engineering construction .....	24,329	31,234	28,677	32,544	35,942

<sup>1</sup> Actual 1957-59, preliminary 1960, intentions 1961.

**TABLE 5. Labour Content and Cost of Materials Used, 1957-61<sup>1</sup>  
by Province**

Province	Labour content /		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Canada:				
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	571,912	2,378,214	3,367,254	7,077,383
1960 .....	552,691	2,335,615	3,265,002	6,888,515
1961 .....	570,218	2,409,603	3,369,734	7,131,598
Newfoundland:				
1957 .....	9,875	32,377	43,113	90,393
1958 .....	9,226	30,999	41,504	95,682
1959 .....	11,382	38,881	43,363	105,065
1960 .....	15,287	53,103	59,086	141,910
1961 .....	17,015	60,076	69,567	163,176
Prince Edward Island:				
1957 .....	1,769	5,512	7,299	17,095
1958 .....	2,070	5,842	9,664	20,498
1959 .....	2,845	7,715	15,647	29,355
1960 .....	2,731	7,592	14,599	27,453
1961 .....	2,457	6,775	13,062	24,718
Nova Scotia:				
1957 .....	20,087	59,954	76,580	164,878
1958 .....	19,446	57,766	72,854	159,690
1959 .....	22,994	73,232	96,223	209,163
1960 .....	22,810	73,768	95,619	208,190
1961 .....	23,333	75,705	98,432	212,516
New Brunswick:				
1957 .....	16,836	52,082	68,353	143,958
1958 .....	16,644	53,135	87,468	165,880
1959 .....	16,421	57,030	86,020	175,003
1960 .....	16,387	58,017	83,355	171,155
1961 .....	15,209	53,044	75,600	151,879
Quebec:				
1957 .....	146,727	528,953	836,203	1,661,552
1958 .....	144,405	537,707	890,149	1,732,647
1959 .....	142,154	567,179	894,940	1,772,322
1960 .....	131,748	533,642	830,423	1,644,279
1961 .....	135,589	547,848	857,162	1,693,737
Ontario:				
1957 .....	207,945	847,896	1,197,947	2,507,011
1958 .....	214,006	896,629	1,203,999	2,598,625
1959 .....	195,433	844,800	1,130,533	2,392,095
1960 .....	187,823	830,384	1,105,644	2,340,307
1961 .....	194,900	860,303	1,148,286	2,429,317
Manitoba:				
1957 .....	27,246	100,496	160,366	327,306
1958 .....	29,495	112,424	163,746	345,293
1959 .....	32,211	127,322	201,946	397,769
1960 .....	33,884	135,920	218,151	422,002
1961 .....	32,263	128,704	206,073	401,810

<sup>1</sup> Actual 1957-59, preliminary 1960, intentions 1961.



**TABLE 5. Labour Content and Cost of Materials Used, 1957-61<sup>1</sup>**  
by Province - Concluded

Province	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1957 .....	27,773	107,446	157,370	353,560
1958 .....	28,959	114,656	192,193	383,344
1959 .....	29,186	116,681	171,020	357,717
1960 .....	29,756	122,341	172,605	369,831
1961 .....	30,908	126,545	178,063	383,433
Alberta:				
1957 .....	57,866	223,460	292,052	707,005
1958 .....	57,141	229,400	355,157	787,336
1959 .....	58,931	248,251	367,511	818,597
1960 .....	57,721	248,228	364,022	819,829
1961 .....	64,153	278,262	400,487	927,298
British Columbia:				
1957 .....	74,931	351,520	470,403	1,050,300
1958 .....	60,600	276,877	356,093	803,486
1959 .....	60,355	297,123	360,051	820,297
1960 .....	54,544	272,620	321,498	743,559
1961 .....	54,391	272,341	323,002	743,714

<sup>1</sup> Actual 1957-59, preliminary 1960, intentions 1961.

**TABLE 6. Labour Content and Cost of Materials Used, 1957-61<sup>1</sup>**

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Total:				
1957 .....	591,055	2,309,696	3,309,686	7,023,058
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	571,912	2,378,214	3,367,254	7,077,383
1960 .....	552,691	2,335,615	3,265,002	6,888,515
1961 .....	570,218	2,409,603	3,369,734	7,131,598
Contractors:				
1957 .....	397,618	1,634,932	2,523,244	5,321,378
1958 .....	393,854	1,655,812	2,606,012	5,441,352
1959 .....	383,825	1,650,000	2,531,105	5,269,521
1960 .....	355,689	1,555,509	2,367,292	4,949,285
1961 .....	374,840	1,640,795	2,488,088	5,221,524
Utilities:				
1957 .....	77,947	296,918	396,881	775,261
1958 .....	72,694	284,921	411,438	774,336
1959 .....	66,564	303,082	395,103	779,355
1960 .....	70,972	328,833	429,957	843,960
1961 .....	66,913	310,907	405,168	797,662
Governments:				
1957 .....	59,823	180,697	129,445	396,325
1958 .....	65,806	200,102	113,079	398,070
1959 .....	63,339	203,585	140,417	432,582
1960 .....	65,515	213,703	153,429	462,934
1961 .....	67,886	221,361	157,194	474,120
Others:				
1957 .....	55,667	197,149	260,116	530,094
1958 .....	49,638	174,600	242,298	478,723
1959 .....	58,184	221,547	300,629	595,925
1960 .....	60,515	237,570	314,324	632,336
1961 .....	60,579	236,540	319,284	638,292

<sup>1</sup> Actual 1957-61, preliminary 1960, intentions 1961.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA, 1959-61<sup>1</sup>

TABLE 7. By Type of Structure New and Repair

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5,710,632</b>	<b>1,366,751</b>	<b>7,077,383</b>	<b>5,488,866</b>	<b>1,399,649</b>	<b>6,888,515</b>	<b>5,689,094</b>	<b>1,442,504</b>	<b>7,131,598</b>
<b>Total building construction .....</b>	<b>3,413,737</b>	<b>826,322</b>	<b>4,240,059</b>	<b>3,175,401</b>	<b>837,140</b>	<b>4,012,541</b>	<b>3,340,471</b>	<b>859,557</b>	<b>4,200,028</b>
<b>Residential .....</b>	<b>1,752,000</b>	<b>431,000</b>	<b>2,183,000</b>	<b>1,488,700</b>	<b>455,000</b>	<b>1,943,700</b>	<b>1,569,100</b>	<b>475,000</b>	<b>2,044,100</b>
<b>Industrial .....</b>	<b>296,888</b>	<b>118,926</b>	<b>415,814</b>	<b>324,436</b>	<b>113,595</b>	<b>438,031</b>	<b>292,130</b>	<b>116,845</b>	<b>408,975</b>
2. Factories, plants, workshops, food canneries.....	252,508	92,184	344,692	259,041	87,973	347,014	225,437	89,522	314,959
3. Mine and mine mill buildings .....	24,219	5,852	30,071	44,829	7,433	52,262	52,051	7,705	59,756
4. Railway stations, offices, roadway buildings .....	13,113	12,537	25,650	11,522	10,971	22,493	8,399	11,888	20,287
5. Railway shops, engine houses, water and fuel stations .....	7,048	8,353	15,401	9,044	7,218	16,262	6,243	7,730	13,973
<b>Commercial .....</b>	<b>640,148</b>	<b>118,917</b>	<b>759,065</b>	<b>607,275</b>	<b>104,400</b>	<b>711,675</b>	<b>612,797</b>	<b>101,775</b>	<b>714,572</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	67,568	13,383	80,951	72,785	12,328	85,113	57,542	12,402	69,944
7. Grain elevators.....	21,063	6,266	27,329	14,044	6,700	20,744	22,369	6,730	29,099
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	46,088	15,034	61,122	38,608	11,203	49,811	25,275	9,606	34,881
9. Office buildings .....	250,252	36,884	287,136	272,424	33,482	305,906	311,640	33,419	345,059
10. Stores, retail and wholesale.....	165,627	29,436	195,063	140,253	27,877	168,130	124,321	27,356	151,677
11. Garages and service stations.....	43,708	9,758	53,466	37,690	8,501	46,191	38,182	8,545	46,727
12. Theatres, arenas, amusement and recreational buildings .....	44,888	7,188	52,076	30,852	3,534	34,386	32,931	2,956	35,887
13. Laundries and dry cleaning establishments .....	954	968	1,922	619	775	1,394	537	761	1,298
<b>Institutional.....</b>	<b>510,633</b>	<b>58,476</b>	<b>569,109</b>	<b>546,753</b>	<b>66,240</b>	<b>612,993</b>	<b>655,559</b>	<b>67,073</b>	<b>722,632</b>
14. Schools and other educational buildings ..	285,651	22,010	307,661	328,046	35,676	363,722	342,229	36,406	378,635
15. Churches and other religious buildings ....	56,292	8,129	64,421	54,039	7,336	61,375	45,237	7,010	52,247
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	134,707	18,350	153,057	133,841	18,525	152,366	234,691	18,246	252,937
17. Other institutional buildings .....	33,983	9,987	43,970	30,827	4,703	35,530	33,402	5,411	38,813
<b>Other building construction.....</b>	<b>214,068</b>	<b>99,003</b>	<b>313,071</b>	<b>208,237</b>	<b>97,905</b>	<b>306,142</b>	<b>210,885</b>	<b>98,864</b>	<b>309,749</b>
18. Farm buildings (excluding dwellings).....	100,927	71,432	172,359	99,870	70,040	169,910	100,409	71,212	171,621
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	39,981	1,992	41,973	53,584	2,174	55,758	49,849	2,348	52,197
20. Aeroplane hangars .....	24,035	2,317	26,352	12,425	2,479	14,904	11,313	2,462	13,775
21. Passenger terminals, bus, boat or air.....	11,052	424	11,476	10,374	575	10,949	13,869	655	14,524
22. Armouries, barracks, drill halls, etc. ....	8,564	13,612	22,176	7,706	13,474	21,180	9,121	13,965	23,086
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	16,448	5,006	21,454	13,812	4,882	18,694	15,288	4,063	19,351
24. Other building construction .....	13,061	4,220	17,281	10,466	4,281	14,747	11,036	4,159	15,195
<b>Total engineering construction .....</b>	<b>2,296,895</b>	<b>540,429</b>	<b>2,837,324</b>	<b>2,313,465</b>	<b>562,509</b>	<b>2,875,974</b>	<b>2,348,623</b>	<b>582,947</b>	<b>2,931,570</b>
<b>Marine Construction .....</b>	<b>118,390</b>	<b>16,070</b>	<b>134,460</b>	<b>87,255</b>	<b>15,203</b>	<b>102,458</b>	<b>74,274</b>	<b>14,968</b>	<b>89,242</b>
25. Docks, wharves, piers, breakwaters .....	54,181	7,494	61,675	61,351	6,978	68,329	56,173	7,105	63,278
26. Retaining walls, embankments, riprapping .....	2,513	467	2,980	2,210	425	2,635	2,557	401	2,958
27. Canals and waterways.....	3,995	389	4,384	1,736	1,013	2,749	819	976	1,795
28. Dredging and pile driving .....	45,345	6,045	51,390	16,525	5,359	21,884	8,579	5,138	13,717
29. Dyke construction .....	2,941	283	3,224	1,920	274	2,194	2,173	266	2,439
30. Logging booms .....	449	1,003	1,452	607	803	1,410	602	701	1,303
31. Other marine construction.....	8,966	389	9,355	2,906	351	3,257	3,371	381	3,752

<sup>1</sup> Actual 1959, preliminary 1960, intentions 1961.

TABLE 7. By Type of Structure New and Repair - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction</b> ....	<b>611,027</b>	<b>180,032</b>	<b>791,059</b>	<b>619,893</b>	<b>203,375</b>	<b>823,268</b>	<b>610,205</b>	<b>204,693</b>	<b>814,898</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	330,446	67,795	398,241	390,912	101,726	492,638	397,629	106,218	503,847
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	168,439	85,273	253,712	119,376	76,238	195,614	101,655	72,443	174,098
34. Dirt, clay or other streets, roads, parking lots, etc. ....	29,620	19,338	48,958	43,193	19,283	62,476	40,882	17,775	58,657
35. Grading, scraping, oiling, filling ....	27,206	2,795	30,001	8,767	2,755	11,522	8,488	2,881	11,369
36. Sidewalks, paths ....	14,972	3,530	18,502	18,948	4,050	22,998	17,359	3,991	21,350
37. Aerodromes, landing fields, runways, tarmac ....	40,344	1,301	41,645	38,697	1,323	40,020	44,192	1,385	45,577
<b>Waterworks and sewage systems</b> ....	<b>194,625</b>	<b>31,082</b>	<b>225,707</b>	<b>183,981</b>	<b>35,023</b>	<b>219,004</b>	<b>216,550</b>	<b>35,483</b>	<b>252,033</b>
38. Tile drains, drainage ditches, storm sewers ....	9,105	4,824	13,929	7,756	6,542	14,298	8,024	6,325	14,349
39. Water mains, hydrants and services ....	67,967	15,169	83,136	63,000	15,011	78,011	75,895	15,977	91,872
40. Sewage systems and connections ....	103,746	8,928	112,674	99,752	10,140	109,892	118,807	9,982	128,789
41. Pumping stations, water ....	11,897	1,986	13,883	11,622	3,187	14,809	11,918	3,117	15,035
42. Water storage tanks ....	1,910	175	2,085	1,851	143	1,994	1,906	82	1,988
<b>Dams and irrigation</b> ....	<b>52,976</b>	<b>7,035</b>	<b>60,011</b>	<b>66,394</b>	<b>7,186</b>	<b>73,580</b>	<b>125,011</b>	<b>8,009</b>	<b>133,020</b>
43. Dams and reservoirs ....	43,264	2,429	45,693	57,276	2,663	59,939	114,725	3,389	118,114
44. Irrigation and land reclamation projects ....	9,712	4,606	14,318	9,118	4,523	13,641	10,286	4,620	14,906
<b>Electric power construction</b> ....	<b>346,360</b>	<b>48,469</b>	<b>394,829</b>	<b>341,341</b>	<b>55,503</b>	<b>396,844</b>	<b>321,331</b>	<b>59,112</b>	<b>380,443</b>
45. Electric power generating plants, including water conveying and controlling structures ....	151,221	10,531	161,752	149,582	16,791	166,373	109,715	16,611	126,326
46. Electric transformer stations ....	38,725	7,123	45,848	33,129	6,578	39,707	36,150	7,284	43,434
47. Power transmission and distribution lines, trolley wires ....	145,837	25,815	171,652	148,567	27,603	176,170	164,971	30,721	195,692
48. Street lighting ....	10,577	5,000	15,577	10,063	4,531	14,594	10,495	4,496	14,991
<b>Railway, telephone and telegraph</b> ....	<b>298,895</b>	<b>158,930</b>	<b>457,825</b>	<b>298,668</b>	<b>153,949</b>	<b>452,617</b>	<b>223,928</b>	<b>165,720</b>	<b>389,648</b>
49. Railway tracks and roadbed ....	167,542	114,796	282,338	159,369	106,432	265,801	103,837	115,980	219,817
50. Signals and interlockers ....	6,332	8,507	12,839	6,580	6,713	13,293	5,961	7,079	13,040
51. Telegraph and telephone lines, underground and marine cables ....	125,021	37,627	162,648	132,719	40,804	173,523	114,130	42,661	156,791
<b>Gas and oil facilities</b> ....	<b>414,280</b>	<b>49,854</b>	<b>464,134</b>	<b>435,096</b>	<b>40,364</b>	<b>475,460</b>	<b>492,375</b>	<b>42,732</b>	<b>535,107</b>
52. Gas mains and services ....	72,771	5,939	78,710	56,208	4,175	60,383	46,709	4,544	51,253
53. Pumping stations, oil ....	2,253	1,015	3,268	3,581	1,327	4,908	530	1,277	1,807
54. Pumping stations, gas ....	15,574	295	15,869	32,144	481	32,625	15,546	531	16,077
55. Oil storage tanks ....	21,546	2,072	23,618	21,930	2,357	24,287	16,181	2,478	18,659
56. Gas storage tanks ....	1,594	73	1,667	11,481	87	11,568	1,427	52	1,479
57. Oil pipe lines ....	17,079	1,571	18,650	40,704	1,858	42,562	11,967	1,542	13,509
58. Gas pipe lines ....	37,319	829	38,148	16,066	736	16,802	117,340	797	118,137
59. Oil wells ....	124,731	10,232	134,963	127,048	4,838	131,886	126,313	4,809	131,122
60. Gas wells ....	30,596	1,209	31,805	53,037	1,468	54,505	46,857	1,541	48,398
61. Oil refinery - processing units ....	67,715	24,950	92,665	51,125	21,410	72,535	33,537	23,579	57,116
62. Natural gas cleaning plants ....	23,102	1,669	24,771	21,772	1,627	23,399	75,968	1,582	77,550
<b>Other engineering construction</b> ....	<b>260,342</b>	<b>48,957</b>	<b>309,299</b>	<b>280,837</b>	<b>49,906</b>	<b>330,743</b>	<b>284,949</b>	<b>52,230</b>	<b>337,179</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	157,771	25,339	183,110	184,257	24,352	208,609	181,705	26,381	208,086
64. Tunnels and subways ....	26,712	117	26,829	25,909	271	26,180	30,755	337	31,092
65. Incinerators ....	1,276	1,673	2,949	1,663	277	1,940	1,355	235	1,590
66. Park systems, landscaping, sodding, etc. ....	6,359	2,741	9,100	5,474	2,874	8,348	5,791	3,033	8,824
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4,123	1,016	5,139	4,429	1,601	6,030	4,701	1,616	6,317
68. Mine shafts and other below surface workings ....	30,208	3,229	33,437	25,714	3,349	29,063	23,749	3,046	26,795
69. Fences, snowsheds, signs, guard rails ....	11,185	8,893	20,058	9,979	8,050	18,029	10,140	8,393	18,533
70. Other engineering construction ....	22,728	5,949	28,677	23,412	9,132	32,544	26,753	9,189	35,942



TABLE 8. Dollar and Percentage Change by Type of Structure

Type of structure	Change 1959 to 1960		Change 1960 to 1961		Type of structure	Change 1959 to 1960		Change 1960 to 1961	
	\$ mill.	%	\$ mill.	%		\$ mill.	%	\$ mill.	%
<b>Total value of construction</b> .....	-189	- 2.7	243	3.5	<b>Road, highway and aerodrome construction</b> .....	34	4.3	-10	- 1.3
<b>Total building construction</b> .....	-228	- 5.4	187	4.7	32. Hard surfaced or paved streets, highways, parking lots, etc. ....	94	—	11	—
<b>Residential</b> .....	-239	-11.0	100	5.2	33. Gravel or stone streets, highways, roads, parking lots, etc. ....	-58	—	-22	—
<b>Industrial</b> .....	22	5.3	-29	- 6.6	34. Dirt, clay or other streets, roads, parking lots, etc. ....	14	—	- 4	—
2. Factories, plants, workshops, food can- neries .....	2	—	-32	—	35. Grading, scraping, oiling, filling .....	-18	—	—	—
3. Mine and mine mill buildings .....	22	—	7	—	36. Sidwalks, paths .....	4	—	- 2	—
4. Railway stations, offices, roadway buildings .....	- 3	—	- 2	—	37. Aerodromes, landing fields, runways, tar- mac .....	- 2	—	6	—
5. Railway shops, engine houses, water and fuel stations .....	1	—	- 2	—	<b>Waterworks and sewage systems</b> .....	- 7	-3.0	33	15.1
<b>Commercial</b> .....	- 47	- 6.2	3	0.4	38. Tile drains, drainage ditches, storm sewers .....	—	—	—	—
6. Warehouses, storehouses, refrigerated stor- age, etc. ....	4	—	-15	—	39. Water mains, hydrants and services .....	- 5	—	14	—
7. Grain elevators .....	- 7	—	8	—	40. Sewage systems and connections .....	- 3	—	19	—
8. Hotels, clubs, restaurants, cafeterias, tour- ist cabins .....	- 11	—	-15	—	41. Pumping stations, water .....	1	—	—	—
9. Office buildings .....	19	—	39	—	42. Water storage tanks .....	—	—	—	—
10. Stores, retail and wholesale .....	- 27	—	-16	—	<b>Dams and irrigation</b> .....	14	22.6	59	80.8
11. Garages and service stations .....	- 7	—	1	—	43. Dams and reservoirs .....	14	—	58	—
12. Theatres, arenas, amusement and recrea- tional buildings .....	- 18	—	2	—	44. Irrigation and land reclamation projects ....	- 1	—	1	—
13. Laundries and dry cleaning establishments .....	- 1	—	—	—	<b>Electric power construction</b> .....	2	0.5	-16	- 4.1
<b>Institutional</b> .....	44	7.7	110	17.9	45. Electric power generating plants, including water conveying and controlling struc- tures .....	5	—	-40	—
14. Schools and other educational buildings .....	56	—	15	—	46. Electric transformer stations .....	- 6	—	4	—
15. Churches and other religious buildings .....	- 3	—	- 9	—	47. Power transmission and distribution lines, trolley wires .....	5	—	20	—
16. Hospitals, sanatoria, clinics, first-aid sta- tions, etc. ....	- 1	—	101	—	48. Street lighting .....	- 1	—	—	—
17. Other institutional buildings .....	- 8	—	3	—	<b>Railway, telephone and telegraph</b> .....	- 5	-1.1	-63	-13.9
<b>Other building construction</b> .....	- 7	- 2.2	4	1.2	49. Railway tracks and roadbed .....	-17	—	-46	—
18. Farm buildings (excluding dwellings) .....	- 2	—	2	—	50. Signals and interlockers .....	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone ex- changes .....	14	—	- 4	—	51. Telegraph and telephone lines, under- ground and marine cables .....	11	—	-17	—
20. Aeroplane hangars .....	- 11	—	- 1	—	<b>Gas and oil facilities</b> .....	11	2.4	60	12.5
21. Passenger terminals, bus, boat or air .....	- 1	—	4	—	52. Gas mains and services .....	-18	—	- 9	—
22. Armouries, barracks, drill halls, etc. ....	- 1	—	2	—	53. Pumping stations, oil .....	2	—	- 3	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	- 3	—	1	—	54. Pumping stations, gas .....	17	—	-17	—
24. Other building construction .....	- 3	—	—	—	55. Oil storage tanks .....	1	—	- 6	—
<b>Total engineering construction</b> .....	39	1.4	56	1.9	56. Gas storage tanks .....	10	—	-10	—
<b>Marine Construction</b> .....	- 32	-23.8	-13	-12.9	57. Oil pipe lines .....	24	—	-29	—
25. Docks, wharves, piers, breakwaters .....	7	—	- 5	—	58. Gas pipe lines .....	-21	—	101	—
26. Retaining walls, embankments, riprapping ..	—	—	—	—	59. Oil wells .....	- 3	—	- 1	—
27. Canals and waterways .....	- 2	—	- 1	—	60. Gas wells .....	23	—	- 6	—
28. Dredging and pile driving .....	- 30	—	- 8	—	61. Oil refinery—processing units .....	-20	—	-15	—
29. Dyke construction .....	- 1	—	—	—	62. Natural gas cleaning plants .....	- 1	—	54	—
30. Logging booms .....	—	—	—	—	<b>Other engineering construction</b> .....	21	6.9	6	1.9
31. Other marine construction .....	- 6	—	—	—	63. Bridges, trestles, culverts, overpasses, viaducts .....	25	—	- 1	—
					64. Tunnels and subways .....	- 1	—	5	—
					65. Incinerators .....	- 1	—	—	—
					66. Park systems, landscaping, sodding, etc. ....	- 1	—	—	—
					67. Swimming pools, tennis courts, outdoor re- creation facilities .....	1	—	—	—
					68. Mine shafts and other below surface workings .....	- 4	—	- 2	—
					69. Fences, snowsheds, signs, guard rails .....	- 2	—	1	—
					70. Other engineering construction .....	4	—	3	—



TABLE 9. Principal Types of Construction for Industry or Sector

	1959			1960			1961		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Totals .....</b>	<b>4,240,059</b>	<b>2,837,324</b>	<b>7,077,383</b>	<b>4,012,541</b>	<b>2,875,974</b>	<b>6,888,515</b>	<b>4,200,028</b>	<b>2,931,570</b>	<b>7,131,598</b>
Agriculture and fishing .....	168,660	20,040	188,700	165,420	19,680	185,100	168,210	19,990	188,200
Forestry .....	6,418	29,884	36,302	8,966	34,532	43,498	6,957	36,952	43,909
Mining, quarrying and oil wells .....	47,218	232,198	279,416	68,283	252,846	321,129	71,909	238,565	310,474
Construction .....	19,829	3,526	23,355	19,880	3,526	23,406	19,880	3,526	23,406
Manufacturing .....	337,873	161,867	499,740	338,297	130,850	469,147	297,450	157,659	455,109
Utilities .....	146,844	1,246,718	1,393,562	151,878	1,228,360	1,380,238	145,272	1,228,372	1,373,644
Trade-Wholesale and retail .....	192,278	18,522	210,800	178,570	17,811	196,381	160,080	15,140	175,220
Finance, insurance and real estate .....	229,345	7,058	236,403	210,122	5,547	215,669	247,035	5,010	252,045
Commercial services .....	83,937	1,691	85,628	68,871	1,698	70,569	49,902	902	50,804
Housing .....	2,183,000	—	2,183,000	1,943,700	—	1,943,700	2,044,100	—	2,044,100
Institutional services .....	526,161	1,845	528,006	564,844	2,460	567,304	672,852	1,384	674,236
Government departments .....	298,496	1,113,975	1,412,471	293,710	1,178,664	1,472,374	316,381	1,224,070	1,540,451

TABLE 10. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector

	Change 1959 to 1960						Change 1960 to 1961					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%	\$ mill.	%
<b>Totals .....</b>	<b>-228</b>	<b>- 5.4</b>	<b>39</b>	<b>1.4</b>	<b>-189</b>	<b>- 2.7</b>	<b>187</b>	<b>4.7</b>	<b>56</b>	<b>1.9</b>	<b>243</b>	<b>3.5</b>
Agriculture and fishing .....	- 3	- 1.9	—	- 1.8	- 4	- 1.9	3	1.7	—	1.6	3	1.7
Forestry .....	3	39.7	5	15.6	7	19.8	- 2	-22.4	2	7.0	—	0.9
Mining, quarrying and oil wells .....	21	44.6	21	8.9	42	14.9	4	5.3	-14	- 5.6	-11	- 3.3
Construction .....	—	0.3	—	0.0	—	0.2	—	0.0	—	0.0	—	0.0
Manufacturing .....	—	0.1	-31	-19.2	- 31	- 6.1	-41	-12.1	27	20.5	-14	- 3.0
Utilities .....	5	3.4	-18	- 1.5	- 13	- 1.0	- 7	- 4.3	—	0.0	- 7	- 0.5
Trade-Wholesale and retail .....	- 14	- 7.1	- 1	- 3.8	- 14	- 6.8	-18	-10.4	- 3	-15.0	-21	-10.8
Finance, insurance and real estate .....	- 19	- 8.4	- 2	-21.4	- 21	- 8.8	37	17.6	- 1	- 9.7	36	16.9
Commercial services .....	- 15	-18.0	—	0.4	- 15	-17.6	-19	-27.5	- 1	-46.9	-20	-28.0
Housing .....	-239	-11.0	—	0.0	-239	-11.0	100	5.2	—	0.0	100	5.2
Institutional services .....	39	7.4	1	33.3	39	7.4	108	19.1	- 1	-43.7	107	18.8
Government departments .....	- 5	- 1.6	65	5.8	60	4.2	23	7.7	45	3.9	68	4.6

VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR 1959-61<sup>1</sup>

TABLE 11. Primary Industries<sup>2</sup>

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>396,952</b>	<b>130,821</b>	<b>527,773</b>	<b>447,176</b>	<b>125,957</b>	<b>573,133</b>	<b>441,773</b>	<b>124,216</b>	<b>565,989</b>
<b>Total building construction.....</b>	<b>155,347</b>	<b>86,778</b>	<b>242,125</b>	<b>176,521</b>	<b>86,028</b>	<b>262,549</b>	<b>180,566</b>	<b>86,390</b>	<b>266,956</b>
<b>Residential.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial.....</b>	<b>30,918</b>	<b>8,500</b>	<b>39,418</b>	<b>51,283</b>	<b>8,764</b>	<b>60,047</b>	<b>58,092</b>	<b>8,972</b>	<b>67,064</b>
2. Factories, plants, workshops, food canneries.....	7,392	2,647	10,039	6,314	1,407	7,721	6,012	1,315	7,327
3. Mine and mine mill buildings.....	23,507	5,835	29,342	44,772	7,348	52,120	51,907	7,615	59,522
4. Railway stations, offices, roadway buildings.....	18	18	36	197	9	206	115	5	120
5. Railway shops, engine houses, water and fuel stations.....	1	-	1	-	-	-	58	37	95
<b>Commercial.....</b>	<b>14,614</b>	<b>2,871</b>	<b>17,485</b>	<b>19,040</b>	<b>2,912</b>	<b>21,952</b>	<b>13,407</b>	<b>2,770</b>	<b>16,177</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	6,002	1,261	7,263	5,711	1,270	6,981	3,490	1,195	4,685
7. Grain elevators.....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	629	53	682	1,634	53	1,687	296	24	320
9. Office buildings.....	6,605	1,124	7,729	9,169	1,178	10,347	7,538	1,187	8,725
10. Stores, retail and wholesale.....	2	5	7	56	3	59	607	14	621
11. Garages and service stations.....	920	372	1,292	1,217	333	1,550	1,067	325	1,392
12. Theatres, arenas, amusement and recreational buildings.....	456	56	512	1,243	73	1,316	409	23	432
13. Laundries and dry cleaning establishments.....	-	-	-	10	2	12	-	2	2
<b>Institutional.....</b>	<b>752</b>	<b>79</b>	<b>831</b>	<b>1,546</b>	<b>137</b>	<b>1,683</b>	<b>3,549</b>	<b>36</b>	<b>3,585</b>
14. Schools and other educational buildings.....	302	43	345	829	10	839	2,145	11	2,156
15. Churches and other religious buildings.....	28	-	28	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	422	36	458	717	127	844	1,404	25	1,429
17. Other institutional buildings.....	-	-	-	-	-	-	-	-	-
<b>Other building construction.....</b>	<b>109,063</b>	<b>75,328</b>	<b>184,391</b>	<b>104,652</b>	<b>74,215</b>	<b>178,867</b>	<b>105,518</b>	<b>74,612</b>	<b>180,130</b>
18. Farm buildings (excluding dwellings).....	97,650	71,010	168,660	95,760	69,660	165,420	97,380	70,830	168,210
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	39	59	98	45	44	89	15	44	59
20. Aeroplane hangars.....	4	2	6	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air.....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc.....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	11,152	4,185	15,337	8,692	4,435	13,127	7,987	3,674	11,661
24. Other building construction.....	218	72	290	155	76	231	136	64	200
<b>Total engineering construction.....</b>	<b>241,605</b>	<b>44,043</b>	<b>285,648</b>	<b>270,655</b>	<b>39,929</b>	<b>310,584</b>	<b>261,207</b>	<b>37,826</b>	<b>299,033</b>
<b>Marine construction.....</b>	<b>5,194</b>	<b>3,693</b>	<b>8,887</b>	<b>4,227</b>	<b>2,916</b>	<b>7,143</b>	<b>3,260</b>	<b>2,397</b>	<b>5,657</b>
25. Docks, wharves, piers, breakwaters.....	1,321	1,049	2,370	1,398	1,013	2,411	1,593	1,025	2,618
26. Retaining walls, embankments, riprapping.....	26	47	73	9	29	38	75	17	92
27. Canals and waterways.....	55	40	95	13	76	89	62	31	93
28. Dredging and pile driving.....	3,402	1,555	4,957	1,853	1,030	2,883	131	653	784
29. Dyke construction.....	-	-	-	-	7	7	-	8	8
30. Logging booms.....	326	888	1,214	607	658	1,265	586	515	1,101
31. Other marine construction.....	64	114	178	347	103	450	813	148	961

See footnotes at end of table.



TABLE 11. Primary Industries<sup>2</sup> - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>22,084</b>	<b>12,006</b>	<b>34,090</b>	<b>21,998</b>	<b>13,667</b>	<b>35,665</b>	<b>26,857</b>	<b>12,845</b>	<b>39,702</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	291	1,681	1,972	1,121	2,169	3,290	1,480	1,941	3,421
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,693	3,016	9,709	6,623	5,516	12,139	6,711	4,791	11,502
34. Dirt, clay or other streets, roads, parking lots, etc. ....	12,789	7,081	19,870	13,321	5,752	19,073	15,444	5,825	21,269
35. Grading, scraping, oiling, filling .....	2,238	210	2,448	77	199	276	557	253	810
36. Sidewalks, paths .....	2	—	2	12	4	16	52	9	61
37. Aerodromes, landing fields, runways, tarmac .....	71	18	89	844	27	871	2,613	26	2,639
<b>Waterworks and sewage systems</b> .....	<b>3,316</b>	<b>563</b>	<b>3,879</b>	<b>8,146</b>	<b>453</b>	<b>8,599</b>	<b>3,100</b>	<b>484</b>	<b>3,584</b>
38. Tile drains, drainage ditches, storm sewers .....	59	30	89	271	8	279	190	6	196
39. Water mains, hydrants and services .....	1,452	260	1,712	3,583	184	3,767	1,851	196	2,047
40. Sewage systems and connections .....	1,176	210	1,386	1,836	205	2,041	812	213	1,025
41. Pumping stations, water .....	491	56	547	2,257	53	2,310	213	59	272
42. Water storage tanks .....	138	7	145	199	3	202	34	10	44
<b>Dams and irrigation</b> .....	<b>6,076</b>	<b>4,425</b>	<b>10,501</b>	<b>5,954</b>	<b>4,286</b>	<b>10,240</b>	<b>6,153</b>	<b>4,376</b>	<b>10,529</b>
43. Dams and reservoirs .....	651	480	1,131	624	416	1,040	732	441	1,173
44. Irrigation and land reclamation projects .....	5,425	3,945	9,370	5,330	3,870	9,200	5,421	3,935	9,356
<b>Electric power construction</b> .....	<b>4,296</b>	<b>673</b>	<b>4,969</b>	<b>2,421</b>	<b>678</b>	<b>3,099</b>	<b>2,830</b>	<b>545</b>	<b>3,375</b>
45. Electric power generating plants, including water conveying and controlling structures .....	499	62	561	1,583	349	1,932	1,370	277	1,647
46. Electric transformer stations .....	457	20	477	297	8	305	419	20	439
47. Power transmission and distribution lines, trolley wires .....	3,325	563	3,888	540	301	841	1,017	243	1,260
48. Street lighting .....	15	28	43	1	20	21	24	5	29
<b>Railway, telephone and telegraph</b> .....	<b>961</b>	<b>1,735</b>	<b>2,696</b>	<b>3,877</b>	<b>2,550</b>	<b>6,427</b>	<b>3,470</b>	<b>2,017</b>	<b>5,487</b>
49. Railway tracks and roadbed .....	548	1,299	1,847	3,456	2,151	5,607	3,061	1,664	4,725
50. Signals and interlockers .....	86	—	86	84	—	84	64	—	64
51. Telegraph and telephone lines, underground and marine cables .....	327	436	763	337	399	736	345	353	698
<b>Gas and oil facilities</b> .....	<b>164,090</b>	<b>11,781</b>	<b>175,871</b>	<b>190,942</b>	<b>6,420</b>	<b>197,362</b>	<b>184,728</b>	<b>6,461</b>	<b>191,189</b>
52. Gas mains and services .....	1	10	11	8	—	8	—	—	—
53. Pumping stations, oil .....	42	—	42	—	—	—	243	—	243
54. Pumping stations, gas .....	125	2	127	22	—	22	—	—	—
55. Oil storage tanks .....	2,656	20	2,676	3,889	18	3,907	3,269	18	3,287
56. Gas storage tanks .....	18	—	18	23	4	27	42	6	48
57. Oil pipe lines .....	1,641	178	1,819	1,177	61	1,238	2,512	65	2,577
58. Gas pipe lines .....	2,450	220	2,670	1,641	56	1,697	2,377	47	2,424
59. Oil wells .....	124,591	10,223	134,814	127,048	4,838	131,886	126,313	4,809	131,122
60. Gas wells .....	29,819	1,120	30,939	52,851	1,443	54,294	46,680	1,513	48,193
61. Oil refinery - processing units .....	—	8	8	—	—	—	—	—	—
62. Natural gas cleaning plants .....	2,747	—	2,747	4,283	—	4,283	3,292	3	3,295
<b>Other engineering construction</b> .....	<b>35,588</b>	<b>9,167</b>	<b>44,755</b>	<b>33,090</b>	<b>8,959</b>	<b>42,049</b>	<b>30,809</b>	<b>8,701</b>	<b>39,510</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	373	145	518	206	255	461	290	277	567
64. Tunnels and subways .....	4	—	4	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	1	1	—	1	1
66. Park systems, landscaping, sodding, etc. ....	76	41	117	201	40	241	117	31	148
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4	4	8	—	3	3	—	2	2
68. Mine shafts and other below surface workings .....	27,441	3,214	30,655	25,294	3,349	28,643	23,280	3,046	26,306
69. Fences, snowsheds, signs, guard rails .....	5,497	3,952	9,449	5,352	3,876	9,228	5,436	3,940	9,376
70. Other engineering construction .....	2,193	1,811	4,004	2,037	1,435	3,472	1,706	1,404	3,110

<sup>1</sup> Actual 1959, preliminary 1960, intentions 1961.

<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry.



TABLE 12. Manufacturing

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>374,492</b>	<b>125,248</b>	<b>499,740</b>	<b>350,457</b>	<b>118,690</b>	<b>469,147</b>	<b>333,732</b>	<b>121,377</b>	<b>455,109</b>
<b>Total building construction .....</b>	<b>248,079</b>	<b>89,794</b>	<b>337,873</b>	<b>252,111</b>	<b>86,186</b>	<b>338,297</b>	<b>210,438</b>	<b>87,012</b>	<b>297,450</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>214,588</b>	<b>85,703</b>	<b>300,291</b>	<b>217,395</b>	<b>82,741</b>	<b>300,136</b>	<b>190,521</b>	<b>83,698</b>	<b>274,219</b>
2. Factories, plants, workshops, food canneries .....	213,374	82,273	295,647	216,721	79,550	296,271	188,764	80,779	269,543
3. Mine and mine mill buildings .....	494	17	511	21	85	106	16	90	106
4. Railway stations, offices, roadway buildings .....	347	28	375	1	1	2	4	2	6
5. Railway shops, engine houses, water and fuel stations .....	373	3,385	3,758	652	3,105	3,757	1,737	2,827	4,564
<b>Commercial .....</b>	<b>32,124</b>	<b>3,492</b>	<b>35,616</b>	<b>32,066</b>	<b>3,020</b>	<b>35,086</b>	<b>18,844</b>	<b>2,935</b>	<b>21,779</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,879	1,365	18,244	16,307	986	17,293	8,633	828	9,461
7. Grain elevators .....	53	137	190	785	96	881	528	67	595
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	61	116	177	80	157	237	534	120	654
9. Office buildings .....	14,153	1,763	15,916	13,826	1,603	15,429	8,833	1,775	10,608
10. Stores, retail and wholesale .....	287	77	364	988	135	1,123	268	107	375
11. Garages and service stations .....	545	17	562	59	23	82	48	22	70
12. Theatres, arenas, amusement and recreational buildings ..	146	17	163	21	20	41	-	16	16
13. Laundries and dry cleaning establishments .....	-	-	-	-	-	-	-	-	-
<b>Institutional .....</b>	<b>54</b>	<b>51</b>	<b>105</b>	<b>3</b>	<b>32</b>	<b>35</b>	<b>125</b>	<b>26</b>	<b>151</b>
14. Schools and other educational buildings .....	8	-	8	-	-	-	101	-	101
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	46	36	82	3	32	35	24	26	50
17. Other institutional buildings .....	-	15	15	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>1,313</b>	<b>548</b>	<b>1,861</b>	<b>2,647</b>	<b>393</b>	<b>3,040</b>	<b>948</b>	<b>353</b>	<b>1,301</b>
18. Farm buildings (excluding dwellings) .....	188	67	255	622	64	686	137	46	183
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	1	1	-	2	2	-	3	3
20. Aeroplane hangars .....	522	93	615	1,333	50	1,383	259	45	304
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	566	383	949	692	277	969	552	259	811
24. Other building construction .....	37	4	41	-	-	-	-	-	-
<b>Total engineering construction .....</b>	<b>126,413</b>	<b>35,454</b>	<b>161,867</b>	<b>98,346</b>	<b>32,504</b>	<b>130,850</b>	<b>123,294</b>	<b>34,365</b>	<b>157,659</b>
<b>Marine construction .....</b>	<b>4,858</b>	<b>1,646</b>	<b>6,504</b>	<b>5,803</b>	<b>2,151</b>	<b>7,954</b>	<b>2,294</b>	<b>1,714</b>	<b>4,008</b>
25. Docks, wharves, piers, breakwaters .....	4,676	990	5,666	5,515	1,590	7,105	2,140	1,199	3,339
26. Retaining walls, embankments, riprapping .....	44	53	97	15	49	64	52	22	74
27. Canals and waterways .....	30	33	63	204	-	204	35	-	35
28. Dredging and pile driving .....	-	418	418	10	332	342	30	288	318
29. Dyke construction .....	-	11	11	2	4	6	-	4	4
30. Logging booms .....	103	97	200	-	145	145	16	186	202
31. Other marine construction .....	5	44	49	57	31	88	21	15	36

TABLE 12. Manufacturing - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>5,097</b>	<b>1,590</b>	<b>6,687</b>	<b>4,437</b>	<b>1,667</b>	<b>6,104</b>	<b>2,335</b>	<b>1,544</b>	<b>3,879</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	2,786	836	3,622	2,107	911	3,018	1,245	900	2,145
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	776	341	1,117	1,287	333	1,620	466	322	788
34. Dirt, clay or other streets, roads, parking lots, etc. ....	489	305	794	334	322	656	548	260	808
35. Grading, scraping, oiling, filling .....	1,004	79	1,083	642	57	699	5	30	33
36. Sidewalks, paths .....	42	23	65	67	42	109	71	30	101
37. Aerodromes, landing fields, runways, tarmac .....	—	6	6	—	2	2	—	2	2
<b>Waterworks and sewage systems .....</b>	<b>4,581</b>	<b>1,008</b>	<b>5,589</b>	<b>3,212</b>	<b>1,047</b>	<b>4,259</b>	<b>3,085</b>	<b>1,007</b>	<b>4,092</b>
38. Tile drains, drainage ditches, storm sewers .....	444	77	521	470	46	516	215	81	296
39. Water mains, hydrants and services .....	2,423	426	2,849	1,034	439	1,473	1,233	465	1,698
40. Sewage systems and connections .....	1,006	214	1,220	692	270	962	592	268	860
41. Pumping stations, water .....	476	170	646	582	253	835	995	187	1,182
42. Water storage tanks .....	232	121	353	434	39	473	50	6	56
<b>Dams and irrigation .....</b>	<b>276</b>	<b>545</b>	<b>821</b>	<b>403</b>	<b>155</b>	<b>558</b>	<b>187</b>	<b>347</b>	<b>534</b>
43. Dams and reservoirs .....	276	545	821	329	155	484	131	347	476
44. Irrigation and land reclamation projects .....	—	—	—	74	—	74	56	—	56
<b>Electric power construction .....</b>	<b>4,909</b>	<b>1,600</b>	<b>6,509</b>	<b>3,632</b>	<b>1,710</b>	<b>5,342</b>	<b>3,508</b>	<b>1,913</b>	<b>5,421</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,386	1,198	2,584	1,802	1,311	3,113	2,406	1,534	3,940
46. Electric transformer stations .....	1,146	115	1,261	952	160	1,112	551	129	680
47. Power transmission and distribution lines, trolley wires .....	2,373	280	2,653	859	204	1,063	508	223	731
48. Street lighting .....	4	7	11	19	35	54	43	27	70
<b>Railway, telephone and telegraph .....</b>	<b>1,989</b>	<b>953</b>	<b>2,942</b>	<b>1,055</b>	<b>853</b>	<b>1,908</b>	<b>333</b>	<b>814</b>	<b>1,147</b>
49. Railway tracks and roadbed .....	1,981	925	2,906	1,031	812	1,843	277	773	1,050
50. Signals and interlockers .....	4	10	14	—	—	—	55	—	55
51. Telegraph and telephone lines, underground and marine cables .....	4	18	22	24	41	65	1	41	42
<b>Gas and Oil Facilities .....</b>	<b>100,596</b>	<b>27,415</b>	<b>128,011</b>	<b>76,357</b>	<b>24,211</b>	<b>100,568</b>	<b>108,788</b>	<b>26,373</b>	<b>135,161</b>
52. Gas mains and services .....	184	16	200	9	22	31	6	27	33
53. Pumping stations, oil .....	614	5	619	1	12	13	—	6	—
54. Pumping stations, gas .....	435	44	479	30	—	30	—	—	—
55. Oil storage tanks .....	6,442	624	7,066	5,343	980	6,323	1,834	1,052	2,886
56. Gas storage tanks .....	129	7	136	484	17	501	105	8	113
57. Oil pipe lines .....	3,910	111	4,021	1,437	97	1,534	151	65	216
58. Gas pipe lines .....	180	25	205	376	46	422	464	57	521
59. Oil wells .....	140	9	149	—	—	—	—	—	—
60. Gas wells .....	551	—	551	63	—	63	15	—	15
61. Oil refinery — processing units .....	67,715	24,942	92,657	51,125	21,410	72,535	33,537	23,579	57,116
62. Natural gas cleaning plants .....	20,296	1,632	21,928	17,489	1,627	19,116	72,676	1,579	74,255
<b>Other engineering construction .....</b>	<b>4,107</b>	<b>697</b>	<b>4,804</b>	<b>3,447</b>	<b>710</b>	<b>4,157</b>	<b>2,764</b>	<b>653</b>	<b>3,417</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	48	235	283	1,897	262	2,159	1,057	189	1,246
64. Tunnels and subways .....	22	1	23	50	—	50	—	—	—
65. Inclinerators .....	28	—	28	44	2	46	230	1	231
66. Park systems, landscaping, sodding, etc. ....	184	331	515	183	301	484	201	318	519
67. Swimming pools, tennis courts, outdoor recreation facilities ....	9	9	18	51	1	52	15	2	17
68. Mine shafts and other below surface workings .....	2,767	15	2,782	420	—	420	489	—	489
69. Fences, snowsheds, signs, guard rails .....	168	73	241	366	53	419	166	72	238
70. Other engineering construction .....	881	33	914	436	91	527	606	71	677



TABLE 13. Utilities

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,118,598</b>	<b>274,964</b>	<b>1,393,562</b>	<b>1,110,104</b>	<b>270,134</b>	<b>1,380,238</b>	<b>1,082,410</b>	<b>291,234</b>	<b>1,373,644</b>
<b>Total Building Construction .....</b>	<b>114,191</b>	<b>32,653</b>	<b>146,844</b>	<b>122,694</b>	<b>29,184</b>	<b>151,878</b>	<b>113,989</b>	<b>31,283</b>	<b>145,272</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>22,707</b>	<b>18,725</b>	<b>41,432</b>	<b>25,631</b>	<b>15,779</b>	<b>41,410</b>	<b>15,739</b>	<b>17,502</b>	<b>33,241</b>
2. Factories, plants, workshops, food canneries .....	3,067	1,266	4,333	5,879	755	6,634	2,883	810	3,693
3. Mine and mine mill buildings .....	218	-	218	36	-	36	128	-	128
4. Railway stations, offices, roadway buildings .....	12,748	12,491	25,239	11,324	10,911	22,235	8,280	11,826	20,106
5. Railway shops, engine houses, water and fuel stations .....	6,674	4,968	11,642	8,392	4,113	12,505	4,448	4,866	9,314
<b>Commercial .....</b>	<b>44,144</b>	<b>11,845</b>	<b>55,989</b>	<b>45,816</b>	<b>10,909</b>	<b>56,725</b>	<b>51,619</b>	<b>11,194</b>	<b>62,813</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	7,313	2,291	9,604	8,882	2,428	11,310	7,414	2,526	9,940
7. Grain elevators .....	20,944	6,129	27,073	13,213	6,604	19,817	21,691	6,663	28,354
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1	5	6	93	116	209	34	93	127
9. Office buildings .....	10,569	1,967	12,536	18,674	755	19,429	19,316	830	20,146
10. Stores, retail and wholesale .....	-	5	5	-	-	-	-	-	-
11. Garages and service stations .....	5,314	1,431	6,745	4,954	1,006	5,960	3,142	1,082	4,224
12. Theatres, arenas, amusement and recreational buildings .....	3	6	9	-	-	-	22	-	22
13. Laundries and dry cleaning establishments .....	-	11	11	-	-	-	-	-	-
<b>Institutional .....</b>	<b>-</b>	<b>9</b>	<b>9</b>	<b>30</b>	<b>5</b>	<b>35</b>	<b>142</b>	<b>6</b>	<b>148</b>
14. Schools and other educational buildings .....	-	2	2	27	5	32	142	6	148
15. Churches and other religious buildings .....	-	3	3	3	-	3	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	4	4	-	-	-	-	-	-
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>47,340</b>	<b>2,074</b>	<b>49,414</b>	<b>51,217</b>	<b>2,491</b>	<b>53,708</b>	<b>46,489</b>	<b>2,581</b>	<b>49,070</b>
18. Farm buildings (excluding dwellings) .....	-	-	-	-	-	-	314	9	323
19. Broadcasting, radio and television relay and booster stations, telephone exchanges .....	29,640	1,311	30,951	43,212	1,463	44,675	38,942	1,601	40,543
20. Aeroplane hangars .....	17,083	151	17,234	6,165	388	6,553	5,565	301	5,866
21. Passenger terminals, bus, boat or air .....	161	406	567	112	559	671	121	639	760
22. Armouries, barracks, drill halls, etc. ....	-	31	31	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	456	174	630	1,728	81	1,809	1,547	31	1,578
24. Other building construction .....	-	1	1	-	-	-	-	-	-
<b>Total engineering construction .....</b>	<b>1,004,407</b>	<b>242,311</b>	<b>1,246,718</b>	<b>987,410</b>	<b>240,950</b>	<b>1,228,360</b>	<b>968,421</b>	<b>259,951</b>	<b>1,228,372</b>
<b>Marine construction .....</b>	<b>54,279</b>	<b>2,508</b>	<b>56,787</b>	<b>36,345</b>	<b>2,620</b>	<b>38,965</b>	<b>23,938</b>	<b>3,063</b>	<b>27,001</b>
25. Docks, wharves, piers, breakwaters .....	18,733	1,831	20,564	25,353	1,121	26,474	20,719	1,482	22,201
26. Retaining walls, embankments, riprapping .....	709	1	710	56	19	75	30	25	55
27. Canals and waterways .....	3,410	22	3,432	1,069	645	1,714	222	644	866
28. Dredging and pile driving .....	25,017	569	25,586	9,835	799	10,634	2,962	881	3,843
29. Dyke construction .....	617	-	617	14	-	14	5	-	5
30. Logging booms .....	20	18	38	-	-	-	-	-	-
31. Other marine construction .....	5,773	67	5,840	18	36	54	-	31	31



TABLE 13. Utilities - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>11,972</b>	<b>843</b>	<b>12,815</b>	<b>12,232</b>	<b>821</b>	<b>13,053</b>	<b>1,999</b>	<b>411</b>	<b>2,410</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	10,883	502	11,385	1,308	195	1,503	414	197	611
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	775	105	880	9,978	499	10,477	888	93	981
34. Dirt, clay or other streets, roads, parking lots, etc. ....	293	132	425	359	23	382	465	32	497
35. Grading, scraping, oiling, filling .....	19	84	103	481	97	578	207	89	296
36. Sidewalks, paths .....	2	17	19	—	1	1	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	—	3	3	106	6	112	25	—	21
<b>Waterworks and sewage systems .....</b>	<b>80,506</b>	<b>15,461</b>	<b>95,967</b>	<b>69,577</b>	<b>16,540</b>	<b>86,117</b>	<b>83,473</b>	<b>17,410</b>	<b>100,883</b>
38. Tile drains, drainage ditches, storm sewers .....	303	7	310	163	28	191	70	36	106
39. Water mains, hydrants and services .....	59,270	13,583	72,853	53,739	13,480	67,219	65,761	14,373	80,134
40. Sewage systems and connections .....	8,486	64	8,550	5,677	51	5,728	5,231	65	5,296
41. Pumping stations, water .....	10,908	1,760	12,668	8,782	2,880	11,662	10,610	2,870	13,480
42. Water storage tanks .....	1,539	47	1,586	1,216	101	1,317	1,801	66	1,867
<b>Dams and irrigation .....</b>	<b>33,864</b>	<b>1,146</b>	<b>35,010</b>	<b>46,987</b>	<b>779</b>	<b>47,766</b>	<b>96,382</b>	<b>1,180</b>	<b>97,562</b>
43. Dams and reservoirs .....	33,864	1,046	34,910	46,956	779	47,735	96,350	1,180	97,530
44. Irrigation and land reclamation projects .....	—	100	100	31	—	31	32	—	32
<b>Electric power construction .....</b>	<b>328,298</b>	<b>41,962</b>	<b>370,260</b>	<b>324,184</b>	<b>49,546</b>	<b>373,730</b>	<b>302,102</b>	<b>52,994</b>	<b>355,096</b>
45. Electric power generating plants, including water conveying and controlling structures .....	146,593	8,570	155,163	142,054	14,669	156,723	100,555	14,294	114,849
46. Electric transformer stations .....	36,989	6,910	43,899	31,601	6,330	37,931	34,861	7,052	41,913
47. Power transmission and distribution lines, trolley wires .....	138,781	24,408	163,189	144,736	26,501	171,237	161,047	29,687	190,734
48. Street lighting .....	5,935	2,074	8,009	5,793	2,046	7,839	5,639	1,961	7,600
<b>Railway, telephone and telegraph .....</b>	<b>293,795</b>	<b>155,840</b>	<b>449,635</b>	<b>292,752</b>	<b>150,217</b>	<b>442,969</b>	<b>219,076</b>	<b>162,550</b>	<b>381,626</b>
49. Railway tracks and roadbed .....	164,338	112,321	276,659	154,421	103,252	257,673	100,097	113,320	213,417
50. Signals and interlockers .....	6,242	6,497	12,739	6,496	6,713	13,209	5,842	7,079	12,921
51. Telegraph and telephone lines, under-ground and marine cables .....	123,215	37,022	160,237	131,835	40,252	172,087	113,137	42,151	155,288
<b>Gas and oil facilities .....</b>	<b>131,207</b>	<b>9,370</b>	<b>140,577</b>	<b>152,016</b>	<b>8,460</b>	<b>160,476</b>	<b>183,908</b>	<b>8,573</b>	<b>192,481</b>
52. Gas mains and services .....	72,567	5,902	78,469	56,190	4,143	60,333	46,695	4,511	51,206
53. Pumping stations, oil .....	1,597	1,010	2,607	3,580	1,315	4,895	287	1,271	1,558
54. Pumping stations, gas .....	14,964	244	15,208	32,037	476	32,513	15,529	527	16,056
55. Oil storage tanks .....	446	176	622	602	119	721	399	109	508
56. Gas storage tanks .....	90	61	151	10,018	54	10,072	7	30	37
57. Oil pipe lines .....	6,570	1,268	7,838	35,419	1,694	37,113	6,330	1,404	7,734
58. Gas pipe lines .....	34,688	583	35,271	14,047	634	14,681	114,499	693	115,192
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	226	89	315	123	25	148	162	28	190
61. Oil refinery—processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants.....	59	37	96	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>70,486</b>	<b>15,181</b>	<b>85,667</b>	<b>53,317</b>	<b>11,967</b>	<b>65,284</b>	<b>57,543</b>	<b>13,770</b>	<b>71,313</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	43,568	11,736	55,304	31,922	9,176	41,098	34,699	10,630	45,329
64. Tunnels and subways .....	22,100	73	22,173	18,306	79	18,385	20,522	191	20,713
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	589	32	621	381	95	476	209	82	291
67. Swimming pools, tennis courts, outdoor recreation facilities .....	—	5	5	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	2,763	2,455	5,218	1,885	1,839	3,724	1,434	2,037	3,471
70. Other engineering construction .....	1,468	880	2,346	823	778	1,601	679	830	1,509

TABLE 14. Trade Finance and Commercial Services

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>461,189</b>	<b>71,642</b>	<b>532,831</b>	<b>416,863</b>	<b>65,756</b>	<b>482,619</b>	<b>415,738</b>	<b>62,331</b>	<b>478,069</b>
<b>Total building construction .....</b>	<b>436,408</b>	<b>69,152</b>	<b>505,560</b>	<b>394,060</b>	<b>63,503</b>	<b>457,563</b>	<b>396,892</b>	<b>60,125</b>	<b>457,017</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>7,319</b>	<b>814</b>	<b>8,133</b>	<b>4,791</b>	<b>501</b>	<b>5,292</b>	<b>3,124</b>	<b>492</b>	<b>3,616</b>
2. Factories, plants, workshops, food canneries.....	7,319	814	8,133	4,791	501	5,292	3,124	492	3,616
3. Mine and mine mill buildings .....	-	-	-	-	-	-	-	-	-
4. Railway stations, offices, roadway buildings .....	-	-	-	-	-	-	-	-	-
5. Railway shops, engine houses, water and fuel stations .....	-	-	-	-	-	-	-	-	-
<b>Commercial .....</b>	<b>424,223</b>	<b>68,114</b>	<b>492,337</b>	<b>384,939</b>	<b>62,797</b>	<b>447,736</b>	<b>391,969</b>	<b>59,487</b>	<b>451,456</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	30,518	6,248	36,766	34,143	4,601	38,744	29,359	4,618	33,977
7. Grain elevators.....	-	-	-	-	-	-	150	-	150
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	39,668	12,693	52,361	31,815	9,741	41,556	19,168	8,195	27,363
9. Office buildings .....	140,430	10,656	151,086	140,110	12,442	152,552	179,764	11,578	191,342
10. Stores retail and wholesale .....	164,935	29,193	194,128	137,836	27,620	165,456	121,977	27,114	149,091
11. Garages and service stations.....	30,757	7,166	37,923	26,384	6,382	32,766	27,489	6,263	33,752
12. Theatres, arenas, amusement and recreational buildings .....	16,966	1,215	18,181	14,174	1,240	15,414	13,547	962	14,509
13. Laundries and dry cleaning establishments.....	949	943	1,892	477	771	1,248	515	757	1,272
<b>Institutional.....</b>	<b>3,864</b>	<b>214</b>	<b>4,078</b>	<b>2,547</b>	<b>200</b>	<b>2,747</b>	<b>1,282</b>	<b>146</b>	<b>1,428</b>
14. Schools and other educational buildings .....	-	-	-	-	-	-	-	-	-
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,635	206	2,841	1,698	158	1,856	1,225	133	1,358
17. Other institutional buildings .....	1,229	8	1,237	849	42	891	57	13	70
<b>Other building construction.....</b>	<b>1,002</b>	<b>10</b>	<b>1,012</b>	<b>1,783</b>	<b>5</b>	<b>1,788</b>	<b>517</b>	<b>-</b>	<b>517</b>
18. Farm buildings (excluding dwellings).....	720	10	730	1,651	5	1,656	366	-	366
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	-	-	-	-	-	-	-	-
20. Aeroplane hangars.....	-	-	-	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air.....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	-	-	-	-	-	-	150	-	150
24. Other building construction .....	282	-	282	132	-	132	1	-	1
<b>Total engineering construction .....</b>	<b>24,781</b>	<b>2,490</b>	<b>27,271</b>	<b>22,803</b>	<b>2,253</b>	<b>25,056</b>	<b>18,846</b>	<b>2,206</b>	<b>21,052</b>
<b>Marine construction .....</b>	<b>1,045</b>	<b>136</b>	<b>1,181</b>	<b>1,818</b>	<b>72</b>	<b>1,890</b>	<b>1,379</b>	<b>99</b>	<b>1,478</b>
25. Docks, wharves, piers, breakwaters .....	911	136	1,047	1,370	57	1,427	1,304	86	1,390
26. Retaining walls, embankments, riprapping.....	7	-	7	89	-	89	-	-	-
27. Canals and waterways.....	-	-	-	-	-	-	-	-	-
28. Dredging and pile driving .....	116	-	116	141	-	141	65	13	78
29. Dyke construction .....	10	-	10	218	15	233	10	-	10
30. Logging booms .....	-	-	-	-	-	-	-	-	-
31. Other marine construction.....	1	-	1	-	-	-	-	-	-



TABLE 14. Trade Finance and Commercial Services - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>7, 533</b>	<b>717</b>	<b>8, 250</b>	<b>6, 563</b>	<b>453</b>	<b>7, 016</b>	<b>4, 342</b>	<b>422</b>	<b>4, 764</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	6, 094	614	6, 708	5, 616	342	5, 958	3, 319	301	3, 620
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	530	72	602	273	61	334	331	70	401
34. Dirt, clay or other streets, roads, parking lots, etc. ....	157	4	161	189	12	201	216	15	231
35. Grading, scraping, oiling, filling .....	544	27	571	326	38	364	225	36	261
36. Sidewalks, paths .....	208	—	208	159	—	159	251	—	251
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems.....</b>	<b>3, 455</b>	<b>19</b>	<b>3, 474</b>	<b>2, 578</b>	<b>83</b>	<b>2, 661</b>	<b>2, 551</b>	<b>50</b>	<b>2, 601</b>
38. Tile drains, drainage ditches, storm sewers .....	1, 445	8	1, 453	591	47	638	582	34	616
39. Water mains, hydrants and services .....	688	—	688	675	17	692	740	1	741
40. Sewage systems and connections .....	1, 322	11	1, 333	1, 311	18	1, 329	1, 212	14	1, 226
41. Pumping stations, water .....	—	—	—	—	1	1	—	1	1
42. Water storage tanks .....	—	—	—	1	—	1	17	—	17
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	—	—	—	—	—	—	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction.....</b>	<b>175</b>	<b>—</b>	<b>175</b>	<b>153</b>	<b>1</b>	<b>154</b>	<b>125</b>	<b>—</b>	<b>125</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	—	1	1	—	—	—
46. Electric transformer stations .....	—	—	—	—	—	—	20	—	20
47. Power transmission and distribution lines, trolley wires .....	52	—	52	40	—	40	75	—	75
48. Street lighting .....	123	—	123	113	—	113	30	—	30
<b>Railway, telephone and telegraph.....</b>	<b>513</b>	<b>11</b>	<b>524</b>	<b>334</b>	<b>—</b>	<b>334</b>	<b>247</b>	<b>—</b>	<b>247</b>
49. Railway tracks and roadbed .....	513	11	524	334	—	334	247	—	247
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities .....</b>	<b>10, 056</b>	<b>1, 228</b>	<b>11, 284</b>	<b>10, 244</b>	<b>1, 218</b>	<b>11, 462</b>	<b>9, 131</b>	<b>1, 272</b>	<b>10, 403</b>
52. Gas mains and services .....	—	—	—	—	—	—	7	—	7
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	50	5	55	55	5	60	17	4	21
55. Oil storage tanks .....	7, 593	1, 204	8, 797	9, 152	1, 195	10, 347	7, 568	1, 252	8, 820
56. Gas storage tanks .....	1, 357	5	1, 362	956	12	968	1, 273	8	1, 281
57. Oil pipe lines .....	1, 055	14	1, 069	81	6	87	266	8	274
58. Gas pipe lines .....	1	—	1	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction.....</b>	<b>2, 004</b>	<b>379</b>	<b>2, 383</b>	<b>1, 113</b>	<b>426</b>	<b>1, 539</b>	<b>1, 071</b>	<b>363</b>	<b>1, 434</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	9	—	9	70	9	79	8	9	17
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	2	—	2	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	75	5	80	193	—	193	15	1	16
67. Swimming pools, tennis courts, outdoor recreation facilities ....	879	345	1, 224	97	385	482	301	315	616
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	491	29	520	421	30	451	441	35	476
70. Other engineering construction .....	548	—	548	332	2	334	306	3	309



TABLE 15. Federal Government

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>330,318</b>	<b>63,083</b>	<b>393,401</b>	<b>305,260</b>	<b>63,295</b>	<b>368,555</b>	<b>347,849</b>	<b>65,719</b>	<b>413,568</b>
<b>Total building construction</b> .....	<b>150,124</b>	<b>38,332</b>	<b>188,456</b>	<b>148,428</b>	<b>39,199</b>	<b>187,627</b>	<b>161,468</b>	<b>40,813</b>	<b>202,281</b>
2. Factories, plants, workshops, food canneries .....	17,239	4,192	21,431	20,443	5,103	25,546	20,035	5,449	25,484
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,452	1,901	7,353	5,388	1,878	7,266	6,134	1,943	8,077
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,192	1,081	5,273	4,253	1,102	5,355	4,310	1,140	5,450
9. Office buildings .....	52,077	7,932	60,009	53,951	8,012	61,963	56,514	8,307	64,821
10. Stores, retail and wholesale .....	302	77	379	383	75	458	370	78	448
11. Garages and service stations .....	3,548	596	4,144	3,278	603	3,881	3,620	626	4,246
12. Theatres, arenas, amusement and recreational buildings .....	3,205	585	3,790	3,360	569	3,929	3,589	587	4,176
14. Schools and other educational buildings .....	13,528	1,521	15,049	11,327	1,555	12,882	13,396	1,611	15,007
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,454	1,505	9,959	7,711	1,491	9,202	8,033	1,544	9,577
17. Other institutional buildings .....	1,044	167	1,211	815	175	990	978	182	1,160
18. Farm buildings (excluding dwellings) .....	2,168	275	2,443	1,752	270	2,022	2,140	283	2,423
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	10,219	621	10,840	10,302	650	10,952	10,892	675	11,567
20. Aeroplane hangars .....	6,400	2,068	8,468	4,897	2,041	6,938	5,455	2,116	7,571
21. Passenger terminals, bus, boat or air .....	10,891	18	10,909	10,262	16	10,278	13,748	16	13,764
22. Armouries, barracks, drill halls, etc. ....	8,554	13,554	22,108	7,706	13,474	21,180	9,121	13,965	23,086
24. Other building construction .....	2,851	2,239	5,090	2,600	2,185	4,785	3,133	2,291	5,424
<b>Total engineering construction</b> .....	<b>180,194</b>	<b>24,751</b>	<b>204,945</b>	<b>156,832</b>	<b>24,096</b>	<b>180,928</b>	<b>186,381</b>	<b>24,906</b>	<b>211,287</b>
25. Docks, wharves, piers, breakwaters .....	27,615	3,301	30,916	26,322	2,966	29,288	29,384	3,058	32,442
26. Retaining walls, embankments, riprapping .....	1,562	363	1,925	1,262	328	1,590	1,613	337	1,950
27. Canals and waterways .....	500	285	785	450	282	732	500	291	791
28. Dredging and pile driving .....	5,895	3,503	9,398	4,686	3,198	7,884	5,391	3,303	8,694
29. Dyke construction .....	2,309	272	2,581	1,686	248	1,934	2,158	254	2,412
31. Other marine construction .....	2,783	156	2,939	2,419	145	2,564	2,471	151	2,622
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	25,935	1,520	27,455	19,961	1,491	21,452	21,837	1,549	23,386
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	12,250	3,663	15,913	8,664	3,510	12,174	9,134	3,620	12,754
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,021	455	1,476	741	453	1,194	805	470	1,275
35. Grading, scraping, oiling, filling .....	1,998	765	2,763	1,445	725	2,170	1,614	746	2,360
36. Aerodromes, landing fields, runways, tarmac .....	40,245	1,261	41,506	37,736	1,272	39,008	41,508	1,321	42,829
38. Tile drains, drainage ditches, storm sewers .....	229	877	1,106	193	850	1,043	255	878	1,133
39. Water mains, hydrants and services .....	3,730	874	4,604	3,121	876	3,997	4,120	909	5,029
40. Sewage systems and connections .....	3,930	520	4,450	3,265	521	3,786	4,138	540	4,678
43. Dams and reservoirs .....	7,855	338	8,193	8,228	399	8,627	15,669	412	16,081
44. Irrigation and land reclamation projects .....	2,122	560	2,682	1,600	649	2,249	1,988	669	2,657
45. Electric power generating plants, including water conveying and controlling structures .....	1,905	469	2,374	3,342	455	3,797	5,304	472	5,776
46. Electric transformer stations .....	112	78	190	272	80	352	120	83	203
47. Power transmission and distribution lines, trolley wires .....	1,230	562	1,792	1,082	539	1,621	1,249	558	1,807
55. Oil storage tanks .....	4,406	48	4,454	2,944	45	2,989	3,111	47	3,158
57. Oil pipe lines .....	3,903	—	3,903	2,590	—	2,590	2,708	—	2,708
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,922	328	11,250	8,434	321	8,755	9,535	331	9,866
66. Park systems, landscaping, sodding, etc. ....	2,508	1,296	3,804	2,253	1,307	3,560	2,656	1,357	4,013
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,320	214	1,534	1,025	215	1,240	1,205	225	1,430
69. Fences, snowsheds, signs, guard rails .....	1,242	1,778	3,020	1,193	1,997	3,190	1,865	2,061	3,926
70. Other engineering construction .....	12,667	1,265	13,932	11,918	1,224	13,142	16,043	1,264	17,307

TABLE 16. Provincial Governments

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>485,721</b>	<b>132,755</b>	<b>618,476</b>	<b>504,492</b>	<b>145,944</b>	<b>650,436</b>	<b>499,505</b>	<b>151,265</b>	<b>650,770</b>
<b>Total building construction .....</b>	<b>34,320</b>	<b>21,167</b>	<b>55,487</b>	<b>35,593</b>	<b>11,237</b>	<b>46,830</b>	<b>39,123</b>	<b>11,776</b>	<b>50,899</b>
2. Factories, plants, workshops, food canneries .....	731	244	975	2,348	30	2,378	2,402	29	2,431
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,154	167	1,321	2,059	995	3,054	2,188	1,128	3,316
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	280	1,066	1,346	116	30	146	18	30	48
9. Office buildings .....	14,631	11,562	26,193	23,519	7,505	31,024	26,876	7,558	34,434
11. Garages and service stations .....	536	12	548	103	5	108	105	12	117
12. Theatres, arenas, amusement and recreational buildings .....	552	463	1,015	813	82	895	705	110	815
17. Other institutional buildings .....	11,928	7,039	18,967	4,624	2,393	7,017	5,263	2,634	7,897
24. Other building construction .....	4,508	614	5,122	2,011	197	2,208	1,566	275	1,841
<b>Total engineering construction .....</b>	<b>451,401</b>	<b>111,588</b>	<b>562,989</b>	<b>468,899</b>	<b>134,707</b>	<b>603,606</b>	<b>460,382</b>	<b>139,489</b>	<b>599,871</b>
25. Docks, wharves, piers, breakwaters .....	530	54	584	849	104	953	599	104	703
28. Dredging and pile driving .....	10,915	—	10,915	—	—	—	—	—	—
31. Other marine construction .....	340	8	348	85	36	101	88	36	102
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	206,410	42,260	248,670	270,983	74,267	345,250	278,987	79,309	358,296
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	123,112	53,173	176,285	60,523	39,567	100,090	52,756	38,513	91,269
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,122	3,105	6,227	18,546	3,683	22,229	13,400	3,403	16,808
35. Grading, scraping, oiling, filling .....	20,690	1,377	22,067	4,997	1,364	6,361	4,995	1,461	6,456
38. Tile drains, drainage ditches, storm sewers .....	2,019	77	2,096	1,160	585	2,145	1,751	1,081	2,832
39. Water mains, hydrants and services .....	236	23	259	753	15	768	2,051	33	2,084
43. Dams and reservoirs .....	618	—	618	1,139	891	2,030	1,843	987	2,830
44. Irrigation and land reclamation projects .....	2,165	1	2,166	2,073	4	2,077	2,787	16	2,803
47. Power transmission and distribution lines, trolley wires .....	8	2	10	1,072	48	1,120	1,025	10	1,035
51. Telegraph and telephone lines, underground and marine cables .....	977	35	1,012	2	4	6	2	4	6
63. Bridges, trestles, culverts, overpasses, viaducts .....	75,661	10,386	86,047	103,076	11,267	114,343	96,212	11,667	107,879
66. Park systems, landscaping, sodding, etc. ....	2,243	411	2,654	1,409	319	1,728	1,724	457	2,181
67. Swimming pools, tennis courts, outdoor recreation facilities ....	259	43	302	1,340	555	1,895	1,251	833	1,884
69. Fences, snowsheds, signs, guard rails .....	498	302	800	178	33	211	148	32	180
70. Other engineering construction .....	1,598	331	1,929	734	1,565	2,299	755	1,738	2,523



TABLE 17. Municipal Governments

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>312,422</b>	<b>88,172</b>	<b>400,594</b>	<b>357,225</b>	<b>96,158</b>	<b>453,383</b>	<b>384,313</b>	<b>91,800</b>	<b>476,113</b>
<b>Total building construction .....</b>	<b>45,690</b>	<b>8,863</b>	<b>54,553</b>	<b>50,897</b>	<b>8,356</b>	<b>59,253</b>	<b>55,318</b>	<b>7,883</b>	<b>63,201</b>
2. Factories, plants, workshops, food canneries .....	3,190	711	3,901	2,331	627	2,958	2,178	648	2,826
9. Office buildings .....	11,375	1,880	13,255	13,175	1,987	15,162	12,799	2,184	14,983
10. Stores, retail and wholesale .....	—	39	39	988	44	1,032	1,099	43	1,142
11. Garages and service stations .....	1,773	164	1,937	1,673	149	1,822	2,711	215	2,926
12. Theatres, arenas, amusement and recreational buildings .....	10,938	2,671	13,609	10,334	1,529	11,863	13,441	1,228	14,669
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	977	44	1,021	574	37	611	918	56	974
17. Other institutional buildings .....	10,894	1,632	12,526	15,299	1,779	17,078	14,866	1,585	16,451
24. Other building construction .....	6,543	1,722	8,265	6,523	2,204	8,727	7,306	1,924	9,230
<b>Total engineering construction .....</b>	<b>266,732</b>	<b>79,309</b>	<b>346,041</b>	<b>306,328</b>	<b>87,802</b>	<b>394,130</b>	<b>328,995</b>	<b>83,917</b>	<b>412,912</b>
25. Docks, wharves, piers, breakwaters .....	395	133	528	544	127	671	434	151	585
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	77,904	20,353	98,257	89,352	22,320	111,672	90,011	21,980	111,991
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	24,129	24,857	48,986	31,974	26,749	58,723	31,223	25,029	56,252
34. Dirt, clay or other streets, roads, parking lots, etc. ....	11,736	8,255	19,991	9,878	9,038	18,716	10,002	7,765	17,767
35. Grading, scraping, oiling, filling .....	684	241	925	796	273	1,069	885	264	1,149
36. Sidewalks, paths .....	14,486	3,136	17,622	18,592	3,725	22,317	16,823	3,660	20,483
38. Tile drains, drainage ditches, storm sewers .....	4,594	3,726	8,320	4,791	4,558	9,349	4,911	4,207	9,118
40. Sewage systems and connections .....	87,489	7,903	95,392	86,935	9,062	95,997	106,797	8,877	115,674
48. Street lighting .....	4,012	2,647	6,659	4,051	2,214	6,265	4,680	2,276	6,956
63. Bridges, trestles, culverts, overpasses, viaducts .....	27,173	2,413	29,586	38,652	3,062	41,714	39,903	3,278	43,181
64. Tunnels and subways .....	4,585	22	4,607	7,552	173	7,725	10,232	125	10,357
65. Incinerators .....	1,209	1,663	2,872	1,589	265	1,854	1,079	224	1,303
66. Park systems, landscaping, sodding, etc. ....	572	560	1,132	665	635	1,300	740	614	1,354
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,483	390	1,873	1,725	442	2,167	1,919	427	2,346
69. Fences, snowsheds, signs, guard rails .....	501	195	696	583	221	804	648	214	862
70. Other engineering construction .....	5,780	2,815	8,595	8,849	4,938	13,787	8,708	4,826	13,534

TABLE 18. Housing and Institutional Services

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>1,752,000</b>	<b>431,000</b>	<b>2,183,000</b>	<b>1,488,700</b>	<b>455,000</b>	<b>1,943,700</b>	<b>1,569,100</b>	<b>475,000</b>	<b>2,044,100</b>
<b>Institutional:</b>									
<b>Total value of work performed .....</b>	<b>478,940</b>	<b>49,066</b>	<b>528,006</b>	<b>508,589</b>	<b>58,715</b>	<b>567,304</b>	<b>614,674</b>	<b>59,562</b>	<b>674,236</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,256	20	1,276	616	4	620	914	4	918
9. Office buildings .....	412	—	412	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	12,622	2,175	14,797	907	21	928	1,218	30	1,248
14. Schools and other educational buildings .....	271,480	20,389	291,869	315,863	34,106	349,969	326,445	34,778	361,223
15. Churches and other religious buildings .....	55,789	8,077	63,866	53,561	7,283	60,844	44,685	6,956	51,641
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	122,173	16,519	138,692	123,118	16,643	139,761	223,067	16,421	239,488
17. Other institutional buildings .....	8,888	1,126	10,014	9,240	314	9,554	12,238	997	13,235
18. Farm buildings (excluding dwellings) .....	196	29	225	77	28	105	1	31	32
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,164	189	4,353	2,597	48	2,645	4,950	58	5,008
24. Other building construction .....	598	59	657	418	—	418	59	—	59
<b>Total engineering construction .....</b>	<b>1,362</b>	<b>483</b>	<b>1,845</b>	<b>2,192</b>	<b>268</b>	<b>2,460</b>	<b>1,097</b>	<b>287</b>	<b>1,384</b>



VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE OF STRUCTURE - PROVINCES - 1959-61<sup>1</sup>

TABLE 19. Newfoundland

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>84,064</b>	<b>21,001</b>	<b>105,065</b>	<b>117,759</b>	<b>24,151</b>	<b>141,910</b>	<b>138,757</b>	<b>24,419</b>	<b>163,176</b>
<b>Total building construction .....</b>	<b>38,414</b>	<b>9,458</b>	<b>47,872</b>	<b>62,176</b>	<b>10,224</b>	<b>72,400</b>	<b>84,536</b>	<b>10,687</b>	<b>95,223</b>
Residential .....	18,100	5,200	23,300	26,200	5,500	31,700	28,200	5,700	33,900
Industrial .....	2,697	1,025	3,722	14,413	1,524	15,937	34,442	1,617	36,059
Commercial .....	6,256	1,246	7,502	7,984	1,120	9,104	7,858	1,218	9,076
Institutional .....	8,514	827	9,341	8,829	1,018	9,847	10,561	1,095	11,656
Other building construction .....	2,847	1,160	4,007	4,750	1,062	5,812	3,475	1,057	4,532
<b>Total engineering construction .....</b>	<b>45,650</b>	<b>11,543</b>	<b>57,193</b>	<b>55,583</b>	<b>13,927</b>	<b>69,510</b>	<b>54,221</b>	<b>13,732</b>	<b>67,953</b>
Marine construction .....	6,365	1,007	7,372	7,781	797	8,578	7,313	746	8,059
Road, highway and aerodrome construction .....	19,079	7,918	26,997	20,530	10,263	30,793	18,639	10,248	28,887
Waterworks and sewage systems .....	786	613	1,399	1,445	604	2,049	2,113	545	2,658
Dams and irrigation .....	111	96	207	100	62	162	114	57	171
Electric power construction .....	3,960	632	4,592	13,021	734	13,755	14,683	590	15,273
Railway, telephone and telegraph .....	12,000	847	12,847	9,091	1,031	10,122	6,486	1,098	7,584
Gas and oil facilities .....	381	127	508	2,259	108	2,367	3,717	102	3,819
Other engineering construction .....	2,968	303	3,271	1,356	328	1,684	1,156	346	1,502

<sup>1</sup> Actual 1959, preliminary 1960, intentions 1961.

TABLE 20. Prince Edward Island

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>24,790</b>	<b>4,565</b>	<b>29,355</b>	<b>22,761</b>	<b>4,692</b>	<b>27,453</b>	<b>19,621</b>	<b>5,097</b>	<b>24,718</b>
<b>Total building construction .....</b>	<b>13,651</b>	<b>2,561</b>	<b>16,212</b>	<b>11,100</b>	<b>2,767</b>	<b>13,867</b>	<b>9,319</b>	<b>3,025</b>	<b>12,344</b>
Residential .....	4,700	900	5,600	5,000	900	5,900	3,100	1,000	4,100
Industrial .....	333	143	476	234	184	418	205	193	398
Commercial .....	2,344	361	2,705	1,340	300	1,640	1,064	314	1,378
Institutional .....	2,412	257	2,669	1,978	363	2,341	2,414	514	2,928
Other building construction .....	3,862	900	4,762	2,548	1,020	3,568	2,536	1,004	3,540
<b>Total engineering construction .....</b>	<b>11,139</b>	<b>2,004</b>	<b>13,143</b>	<b>11,661</b>	<b>1,925</b>	<b>13,586</b>	<b>10,302</b>	<b>2,072</b>	<b>12,374</b>
Marine construction .....	1,525	387	1,912	970	248	1,218	873	259	1,132
Road, highway and aerodrome construction .....	7,483	973	8,456	6,816	1,106	7,922	7,030	1,168	8,198
Waterworks and sewage systems .....	263	100	363	231	104	335	167	102	269
Dams and irrigation .....	50	35	85	60	45	105	60	45	105
Electric power construction .....	606	180	786	2,567	127	2,694	1,060	169	1,229
Railway, telephone and telegraph .....	376	195	571	360	155	515	366	182	548
Gas and oil facilities .....	115	20	135	140	24	164	204	19	223
Other engineering construction .....	721	114	835	517	116	633	542	128	670

TABLE 21. Nova Scotia

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>160,850</b>	<b>48,313</b>	<b>209,163</b>	<b>158,440</b>	<b>49,750</b>	<b>208,190</b>	<b>161,632</b>	<b>50,884</b>	<b>212,516</b>
<b>Total building construction .....</b>	<b>101,646</b>	<b>25,187</b>	<b>126,833</b>	<b>102,883</b>	<b>25,624</b>	<b>128,507</b>	<b>114,687</b>	<b>25,841</b>	<b>140,528</b>
<b>Residential .....</b>	<b>54,100</b>	<b>12,900</b>	<b>67,000</b>	<b>53,600</b>	<b>13,600</b>	<b>67,200</b>	<b>54,900</b>	<b>14,200</b>	<b>69,100</b>
<b>Industrial .....</b>	<b>5,602</b>	<b>3,154</b>	<b>8,756</b>	<b>7,214</b>	<b>3,263</b>	<b>10,477</b>	<b>11,637</b>	<b>3,137</b>	<b>14,774</b>
2. Factories, plants, workshops, food canneries .....	4,735	2,582	7,317	6,513	2,710	9,223	10,923	2,549	13,472
3. Mine and mine mill buildings .....	178	24	202	123	60	183	262	27	289
4. Railway stations, offices, roadway buildings .....	462	351	813	371	314	685	290	363	653
5. Railway shops, engine houses, water and fuel stations .....	227	197	424	207	179	386	162	198	360
<b>Commercial .....</b>	<b>17,761</b>	<b>3,886</b>	<b>21,647</b>	<b>14,849</b>	<b>3,693</b>	<b>18,542</b>	<b>10,840</b>	<b>3,557</b>	<b>14,397</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,763	719	2,482	1,831	802	2,633	1,098	734	1,832
7. Grain elevators .....	6	44	50	3	46	49	90	77	167
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,075	180	4,255	3,357	263	3,620	500	157	657
9. Office buildings .....	7,618	1,433	9,051	4,879	1,334	6,213	5,222	1,318	6,540
10. Stores, retail and wholesale .....	2,697	817	3,514	3,627	798	4,425	2,520	831	3,351
11. Garages and service stations .....	1,278	453	1,731	975	231	1,206	1,253	211	1,464
12. Theatres, arenas, amusement and recreational buildings .....	255	218	473	177	200	377	157	220	377
13. Laundries and dry cleaning establishments .....	69	22	91	—	19	19	—	9	9
<b>Institutional .....</b>	<b>15,288</b>	<b>2,057</b>	<b>17,345</b>	<b>18,711</b>	<b>1,979</b>	<b>20,690</b>	<b>27,058</b>	<b>1,856</b>	<b>28,914</b>
14. Schools and other educational buildings .....	10,242	1,098	11,340	12,627	851	13,478	9,962	747	10,709
15. Churches and other religious buildings .....	3,130	331	3,461	2,228	333	2,561	1,806	294	2,100
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,630	585	2,215	3,698	694	4,392	12,056	713	12,769
17. Other institutional buildings .....	286	43	329	158	101	259	3,234	102	3,336
<b>Other building construction .....</b>	<b>8,895</b>	<b>3,190</b>	<b>12,085</b>	<b>8,509</b>	<b>3,089</b>	<b>11,598</b>	<b>10,252</b>	<b>3,091</b>	<b>13,343</b>
18. Farm buildings (excluding dwellings) .....	1,652	1,192	2,844	1,747	1,281	3,028	1,740	1,280	3,020
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	615	67	682	466	65	531	625	63	688
20. Aeroplane hangars .....	2,584	368	2,952	1,704	326	2,030	3,779	335	4,114
21. Passenger terminals, bus, boat or air .....	2,624	—	2,624	1,910	—	1,910	2,437	—	2,437
22. Armouries, barracks, drill halls, etc. ....	1,188	1,335	2,523	864	1,180	2,044	1,104	1,217	2,321
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	95	127	222	919	145	1,064	438	97	535
24. Other building construction .....	137	101	238	899	92	991	129	99	228
<b>Total engineering construction .....</b>	<b>59,204</b>	<b>23,126</b>	<b>82,330</b>	<b>55,557</b>	<b>24,126</b>	<b>79,683</b>	<b>46,945</b>	<b>25,043</b>	<b>71,988</b>
<b>Marine construction .....</b>	<b>7,886</b>	<b>1,964</b>	<b>9,850</b>	<b>7,143</b>	<b>1,762</b>	<b>8,905</b>	<b>6,994</b>	<b>1,811</b>	<b>8,805</b>
25. Docks, wharves, piers, breakwaters .....	5,090	1,296	6,386	4,979	1,145	6,124	4,498	1,199	5,697
26. Retaining walls, embankments, riprapping .....	522	26	548	353	26	379	451	22	473
27. Canals and waterways .....	285	1	286	207	1	208	265	1	266
28. Dredging and pile driving .....	214	490	704	175	449	624	202	446	648
29. Dyke construction .....	1,629	111	1,740	1,342	100	1,442	1,520	100	1,620
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	146	40	186	87	41	128	58	43	101



TABLE 21. Nova Scotia - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b>	<b>21,378</b>	<b>9,002</b>	<b>30,380</b>	<b>20,973</b>	<b>12,797</b>	<b>33,770</b>	<b>16,593</b>	<b>12,798</b>	<b>29,391</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	1,814	481	2,295	17,772	11,932	29,704	12,936	12,003	24,939
33. Gravel or stone streets, highways, roads, parking lots, etc.	16,219	8,020	24,239	212	426	638	220	388	608
34. Dirt, clay or other streets, roads, parking lots, etc.	374	290	664	457	232	689	538	215	753
35. Grading, scraping, oiling, filling	32	17	49	409	16	425	1	15	16
36. Sidewalks, paths	386	73	459	264	84	348	527	67	594
37. Aerodromes, landing fields, runways, tarmac	2,553	121	2,674	1,859	107	1,966	2,371	110	2,481
<b>Waterworks and sewage systems</b>	<b>3,866</b>	<b>1,093</b>	<b>4,959</b>	<b>2,882</b>	<b>975</b>	<b>3,857</b>	<b>4,181</b>	<b>830</b>	<b>5,011</b>
38. Tile drains, drainage ditches, storm sewers	105	64	169	78	54	132	100	51	151
39. Water mains, hydrants and services	2,173	565	2,738	1,984	519	2,503	2,020	481	2,501
40. Sewage systems and connections	1,553	410	1,963	732	374	1,106	1,477	275	1,752
41. Pumping stations, water	35	53	88	88	28	116	584	23	607
42. Water storage tanks	—	1	1	—	—	—	—	—	—
<b>Dams and irrigation</b>	<b>1,960</b>	<b>319</b>	<b>2,279</b>	<b>1,529</b>	<b>154</b>	<b>1,683</b>	<b>901</b>	<b>211</b>	<b>1,112</b>
43. Dams and reservoirs	1,870	154	2,024	1,434	84	1,518	806	141	947
44. Irrigation and land reclamation projects	90	165	255	95	70	165	95	70	165
<b>Electric power construction</b>	<b>8,045</b>	<b>1,409</b>	<b>9,454</b>	<b>7,956</b>	<b>1,695</b>	<b>9,651</b>	<b>6,084</b>	<b>2,125</b>	<b>8,209</b>
45. Electric power generating plants, including water conveying and controlling structures	2,662	168	2,830	2,090	227	2,317	1,654	397	2,051
46. Electric transformer stations	131	32	163	825	231	1,056	1,135	237	1,372
47. Power transmission and distribution lines, trolley wires	4,873	1,092	5,965	4,794	1,123	5,917	2,988	1,378	4,366
48. Street lighting	379	117	496	247	114	361	307	113	420
<b>Railway, telephone and telegraph</b>	<b>6,465</b>	<b>4,973</b>	<b>11,438</b>	<b>7,131</b>	<b>4,369</b>	<b>11,500</b>	<b>5,865</b>	<b>4,861</b>	<b>10,726</b>
49. Railway tracks and roadbed	3,946	3,848	7,794	3,712	3,448	7,160	3,076	3,821	6,897
50. Signals and interlockers	174	141	315	203	166	369	165	189	354
51. Telegraph and telephone lines, underground and marine cables	2,345	984	3,329	3,216	755	3,971	2,624	851	3,475
<b>Gas and oil facilities</b>	<b>947</b>	<b>1,454</b>	<b>2,401</b>	<b>903</b>	<b>869</b>	<b>1,772</b>	<b>1,071</b>	<b>876</b>	<b>1,947</b>
52. Gas mains and services	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas	—	—	—	—	—	—	—	—	—
55. Oil storage tanks	331	103	434	462	128	590	626	117	743
56. Gas storage tanks	65	9	74	23	9	32	45	8	53
57. Oil pipe lines	—	—	—	—	—	—	—	—	—
58. Gas pipe lines	—	—	—	—	—	—	—	—	—
59. Oil wells	104	—	104	134	—	134	—	—	—
60. Gas wells	104	—	104	134	—	134	—	—	—
61. Oil refinery—processing units	343	1,342	1,685	150	732	882	400	751	1,151
62. Natural gas cleaning plants	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b>	<b>8,657</b>	<b>2,912</b>	<b>11,569</b>	<b>7,040</b>	<b>1,505</b>	<b>8,545</b>	<b>5,256</b>	<b>1,531</b>	<b>6,787</b>
63. Bridges, trestles, culverts, overpasses, viaducts	5,483	2,036	7,519	4,547	475	5,022	3,266	502	3,768
64. Tunnels and subways	—	9	9	6	8	14	8	8	16
65. Incinerators	854	4	858	316	27	343	1	21	22
66. Park systems, landscaping, sodding, etc.	196	124	320	286	113	399	342	113	455
67. Swimming pools, tennis courts, outdoor recreation facilities	27	25	52	20	22	42	25	23	48
68. Mine shafts and other below surface workings	604	452	1,056	352	628	980	161	623	784
69. Fences, snowsheds, signs, guard rails	312	176	488	439	160	599	267	170	437
70. Other engineering construction	1,181	86	1,267	1,074	72	1,146	1,186	71	1,257



TABLE 22. New Brunswick

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>137,398</b>	<b>37,605</b>	<b>175,003</b>	<b>127,581</b>	<b>43,574</b>	<b>171,155</b>	<b>106,751</b>	<b>45,128</b>	<b>151,879</b>
<b>Total building construction .....</b>	<b>60,980</b>	<b>19,402</b>	<b>80,382</b>	<b>56,559</b>	<b>18,541</b>	<b>75,100</b>	<b>58,130</b>	<b>19,241</b>	<b>77,371</b>
<b>Residential .....</b>	<b>29,700</b>	<b>9,500</b>	<b>39,200</b>	<b>21,700</b>	<b>10,000</b>	<b>31,700</b>	<b>25,100</b>	<b>10,400</b>	<b>35,500</b>
<b>Industrial .....</b>	<b>4,627</b>	<b>3,225</b>	<b>7,852</b>	<b>6,783</b>	<b>1,908</b>	<b>8,691</b>	<b>3,069</b>	<b>1,839</b>	<b>4,908</b>
2. Factories, plants, workshops, food canneries .....	3,660	2,130	5,790	5,866	983	6,849	2,228	881	3,109
3. Mine and mine mill buildings .....	36	104	140	20	14	34	168	23	191
4. Railway stations, offices, roadway buildings .....	607	677	1,284	572	545	1,117	428	606	1,034
5. Railway shops, engine houses, water and fuel stations .....	324	314	638	325	366	691	245	329	574
<b>Commercial .....</b>	<b>13,288</b>	<b>2,617</b>	<b>15,905</b>	<b>12,573</b>	<b>2,171</b>	<b>14,744</b>	<b>11,046</b>	<b>2,370</b>	<b>13,416</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,694	454	2,148	1,311	416	1,727	593	373	966
7. Grain elevators .....	12	107	119	5	7	12	4	7	11
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	967	122	1,089	171	212	383	616	298	914
9. Office buildings .....	6,165	942	7,107	3,827	586	4,413	5,036	738	5,774
10. Stores, retail and wholesale .....	2,525	575	3,100	3,745	611	4,356	1,609	629	2,238
11. Garages and service stations .....	1,390	350	1,740	2,062	231	2,293	1,782	224	2,006
12. Theatres, arenas, amusement and recreational buildings .....	533	41	574	1,421	40	1,461	1,403	33	1,436
13. Laundries and dry cleaning establishments .....	2	26	28	31	68	99	3	68	71
<b>Institutional .....</b>	<b>10,000</b>	<b>1,382</b>	<b>11,382</b>	<b>11,705</b>	<b>1,630</b>	<b>13,335</b>	<b>14,570</b>	<b>1,833</b>	<b>16,403</b>
14. Schools and other educational buildings .....	5,741	242	5,983	6,511	224	6,735	6,456	197	6,653
15. Churches and other religious buildings .....	2,106	251	2,357	2,272	118	2,390	1,421	167	1,588
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,103	771	2,874	2,880	530	3,410	6,189	719	6,908
17. Other institutional buildings .....	50	118	168	42	758	800	504	750	1,254
<b>Other building construction .....</b>	<b>3,365</b>	<b>2,678</b>	<b>6,043</b>	<b>3,798</b>	<b>2,832</b>	<b>6,630</b>	<b>4,345</b>	<b>2,799</b>	<b>7,144</b>
18. Farm buildings (excluding dwellings) .....	1,538	1,080	2,618	1,710	1,263	2,973	2,114	1,274	3,388
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	836	95	931	1,043	136	1,179	608	123	731
20. Aeroplane hangars .....	35	318	353	26	290	316	34	299	333
21. Passenger terminals, bus, boat or air .....	12	—	12	9	—	9	12	—	12
22. Armouries, barracks, drill halls, etc. ....	558	915	1,473	411	836	1,247	536	860	1,396
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	343	201	544	543	239	782	952	182	1,134
24. Other building construction .....	43	69	112	56	68	124	89	61	150
<b>Total engineering construction .....</b>	<b>76,418</b>	<b>18,203</b>	<b>94,621</b>	<b>71,022</b>	<b>25,033</b>	<b>96,055</b>	<b>48,621</b>	<b>25,887</b>	<b>74,508</b>
<b>Marine construction .....</b>	<b>7,625</b>	<b>874</b>	<b>8,499</b>	<b>8,163</b>	<b>873</b>	<b>9,036</b>	<b>9,242</b>	<b>881</b>	<b>10,123</b>
25. Docks, wharves, piers, breakwaters .....	4,061	378	4,439	5,676	328	6,004	6,002	352	6,354
26. Retaining walls, embankments, riprapping .....	599	—	599	441	—	441	575	—	575
27. Canals and waterways .....	5	—	5	4	5	9	5	2	7
28. Dredging and pile driving .....	2,032	394	2,426	1,497	443	1,940	1,950	429	2,379
29. Dyke construction .....	585	75	660	431	68	499	561	71	632
30. Logging booms .....	20	21	41	—	24	24	—	21	21
31. Other marine construction .....	323	6	329	114	5	119	149	6	155

TABLE 22. New Brunswick — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>20,767</b>	<b>6,627</b>	<b>27,394</b>	<b>20,194</b>	<b>12,788</b>	<b>32,982</b>	<b>14,632</b>	<b>12,510</b>	<b>27,142</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	18,411	1,611	20,022	18,538	11,857	30,395	12,831	11,630	24,461
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	738	4,254	4,992	393	441	834	390	377	767
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,075	705	1,780	870	431	1,301	976	439	1,415
35. Grading, scraping, oiling, filling .....	36	29	65	2	31	33	—	31	33
36. Sidewalks, paths .....	171	28	199	144	28	172	113	33	146
37. Aerodromes landing fields, runways, tarmac .....	336	—	336	247	—	247	322	—	322
<b>Waterworks and sewage systems .....</b>	<b>2,394</b>	<b>933</b>	<b>3,327</b>	<b>1,983</b>	<b>805</b>	<b>2,788</b>	<b>1,900</b>	<b>934</b>	<b>2,834</b>
38. Tile drains, drainage ditches, storm sewers .....	15	61	76	260	51	311	246	56	302
39. Water mains, hydrants and services .....	1,904	770	2,674	1,244	624	1,868	1,204	762	1,966
40. Sewage systems and connections .....	352	90	442	400	107	507	328	101	429
41. Pumping stations, water .....	74	9	83	78	17	95	122	12	134
42. Water storage tanks .....	49	3	52	1	6	7	—	3	3
<b>Dams and irrigation .....</b>	<b>116</b>	<b>78</b>	<b>194</b>	<b>112</b>	<b>105</b>	<b>217</b>	<b>101</b>	<b>81</b>	<b>182</b>
43. Dams and reservoirs .....	31	18	49	17	35	52	1	11	12
44. Irrigation and land reclamation projects .....	85	60	145	95	70	165	100	70	170
<b>Electric power construction .....</b>	<b>7,794</b>	<b>788</b>	<b>8,582</b>	<b>6,901</b>	<b>1,312</b>	<b>8,213</b>	<b>7,765</b>	<b>1,427</b>	<b>9,192</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,580	263	2,843	1,725	541	2,266	2,273	585	2,858
46. Electric transformer stations .....	1,471	36	1,507	1,888	46	1,934	900	71	971
47. Power transmission and distribution lines, trolley wires .....	3,668	471	4,139	3,086	708	3,794	4,279	752	5,031
48. Street lighting .....	75	18	93	202	17	219	313	19	332
<b>Railway, telephone and telegraph .....</b>	<b>8,494</b>	<b>6,687</b>	<b>15,181</b>	<b>8,668</b>	<b>6,553</b>	<b>15,221</b>	<b>6,840</b>	<b>7,136</b>	<b>13,976</b>
49. Railway tracks and roadbed .....	5,935	5,325	11,260	5,814	5,112	10,926	4,319	5,682	10,001
50. Signals and interlockers .....	251	442	693	329	318	647	244	349	593
51. Telegraph and telephone lines, underground and marine cables .....	2,308	920	3,228	2,525	1,123	3,648	2,277	1,105	3,382
<b>Gas and oil facilities .....</b>	<b>24,263</b>	<b>130</b>	<b>24,393</b>	<b>20,463</b>	<b>622</b>	<b>21,085</b>	<b>3,405</b>	<b>901</b>	<b>4,306</b>
52. Gas mains and services .....	—	16	16	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	7	—	7	—	—	—	—	—	—
55. Oil storage tanks .....	617	101	718	1,187	105	1,292	393	111	504
56. Gas storage tanks .....	46	2	48	35	—	35	22	—	22
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	1	1	—	—	—	—	—	—
59. Oil wells .....	336	—	336	109	—	109	—	—	—
60. Gas wells .....	365	10	375	109	—	109	—	—	—
61. Oil refinery — processing units .....	22,892	—	22,892	19,023	517	19,540	2,990	790	3,780
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>4,965</b>	<b>2,086</b>	<b>7,051</b>	<b>4,538</b>	<b>1,975</b>	<b>6,513</b>	<b>4,736</b>	<b>2,017</b>	<b>6,753</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,917	1,659	4,576	3,043	1,549	4,592	2,838	1,619	4,457
64. Tunnels and subways .....	—	6	6	19	5	24	13	6	19
65. Incinerators .....	—	1	1	—	1	1	—	1	1
66. Park systems, landscaping, sodding, etc. ....	283	103	386	91	78	169	116	81	197
67. Swimming pools, tennis courts, outdoor recreation facilities ....	483	4	487	358	3	361	462	3	465
68. Mine shafts and other below surface .....	230	—	230	246	22	268	563	—	563
69. Fences, snowsheds, signs, guard rails .....	483	180	663	324	182	506	291	192	483
70. Other engineering construction .....	569	133	702	457	135	592	453	115	568



TABLE 23. Quebec

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,460,520</b>	<b>311,802</b>	<b>1,772,322</b>	<b>1,313,212</b>	<b>331,067</b>	<b>1,644,279</b>	<b>1,350,671</b>	<b>343,066</b>	<b>1,693,737</b>
<b>Total building construction .....</b>	<b>888,603</b>	<b>212,767</b>	<b>1,101,370</b>	<b>817,358</b>	<b>213,275</b>	<b>1,030,633</b>	<b>851,907</b>	<b>219,380</b>	<b>1,071,287</b>
<b>Residential .....</b>	<b>426,000</b>	<b>113,800</b>	<b>539,800</b>	<b>383,100</b>	<b>120,100</b>	<b>503,200</b>	<b>400,100</b>	<b>125,400</b>	<b>525,500</b>
<b>Industrial .....</b>	<b>82,785</b>	<b>31,882</b>	<b>114,667</b>	<b>87,294</b>	<b>31,167</b>	<b>118,461</b>	<b>67,367</b>	<b>32,738</b>	<b>100,105</b>
2. Factories, plants, work shops, food canneries....	71,629	26,891	98,520	64,441	25,442	89,883	54,135	26,290	80,425
3. Mine and mine mill buildings..	7,223	788	8,011	15,803	2,075	17,878	10,917	2,456	13,373
4. Railway stations, offices, roadway buildings .....	2,049	2,176	4,225	2,712	1,914	4,626	1,240	2,070	3,310
5. Railway shops, engine houses, water and fuel stations .....	1,884	2,027	3,911	4,338	1,736	6,074	1,075	1,922	2,997
<b>Commercial .....</b>	<b>184,324</b>	<b>31,028</b>	<b>215,352</b>	<b>164,130</b>	<b>23,947</b>	<b>188,077</b>	<b>176,012</b>	<b>23,451</b>	<b>199,463</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,905	4,072	24,977	20,345	3,712	24,057	13,911	3,701	17,612
7. Grain elevators .....	10,400	650	11,050	3,131	1,122	4,253	8,677	1,412	10,089
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	9,147	3,777	12,924	7,533	2,603	10,136	3,244	2,296	5,540
9. Office buildings .....	77,162	11,433	88,595	89,704	7,444	97,148	113,603	7,045	120,648
10. Stores, retail and wholesale .....	46,763	8,084	54,847	27,112	6,542	33,654	18,178	6,452	24,630
11. Garages and service stations .....	10,452	2,169	12,621	7,612	1,815	9,427	8,419	1,892	10,311
12. Theatres, arenas, amusement and recreational buildings .....	9,150	597	9,747	8,461	515	8,976	9,911	459	10,370
13. Laundries and dry cleaning establishments .....	345	246	591	232	194	426	69	194	263
<b>Institutional .....</b>	<b>129,714</b>	<b>15,356</b>	<b>145,070</b>	<b>134,454</b>	<b>18,228</b>	<b>152,682</b>	<b>162,177</b>	<b>17,907</b>	<b>180,084</b>
14. Schools and other educational buildings .....	67,035	2,348	69,383	82,093	8,743	90,836	89,109	7,740	96,849
15. Churches and other religious buildings .....	15,041	3,290	18,331	16,580	3,301	19,881	13,918	3,412	17,330
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	42,224	6,301	48,525	32,565	5,279	37,844	52,460	5,075	57,535
17. Other institutional buildings .....	5,414	3,417	8,831	3,216	905	4,121	6,690	1,680	8,370
<b>Other building construction .....</b>	<b>65,780</b>	<b>20,701</b>	<b>86,481</b>	<b>48,380</b>	<b>19,833</b>	<b>68,213</b>	<b>46,251</b>	<b>19,884</b>	<b>66,135</b>
18. Farm buildings (excluding dwellings) .....	20,050	14,609	34,659	19,216	13,874	33,090	19,499	14,134	33,633
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	12,708	380	13,088	11,601	222	11,823	11,529	248	11,777
20. Aeroplane hangars .....	16,976	116	17,092	5,092	114	5,206	629	102	731
21. Passenger terminals, bus, boat or air .....	6,994	178	7,172	7,160	430	7,590	9,194	420	9,614
22. Armouries, barracks, drill halls, etc. ....	295	2,261	2,556	302	2,022	2,324	393	2,072	2,465
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8,436	1,691	10,127	4,616	1,574	6,190	4,567	1,356	5,923
24. Other building construction .....	321	1,466	1,787	393	1,597	1,990	440	1,552	1,992
<b>Total engineering construction .....</b>	<b>571,917</b>	<b>99,035</b>	<b>670,952</b>	<b>495,854</b>	<b>117,792</b>	<b>613,646</b>	<b>498,764</b>	<b>123,686</b>	<b>622,450</b>
<b>Marine construction .....</b>	<b>51,036</b>	<b>3,596</b>	<b>54,632</b>	<b>29,053</b>	<b>3,745</b>	<b>32,798</b>	<b>24,277</b>	<b>4,023</b>	<b>28,300</b>
25. Docks, wharves, piers, breakwaters .....	20,067	1,705	21,772	21,879	1,916	23,795	20,212	2,052	22,264
26. Retaining walls, embankments, riprapping .....	523	325	848	620	329	949	782	318	1,100
27. Canals and waterways .....	3,469	194	3,663	1,048	259	1,307	228	254	482
28. Dredging and pile driving .....	26,405	969	27,374	5,257	828	6,085	2,326	948	3,274
29. Dyke construction .....	79	8	87	20	-	20	8	-	8
30. Logging booms .....	82	240	322	178	341	519	107	320	427
31. Other marine construction .....	411	155	566	51	72	123	614	131	745



TABLE 23. Quebec — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>122,884</b>	<b>29,792</b>	<b>152,676</b>	<b>125,524</b>	<b>37,179</b>	<b>162,703</b>	<b>131,165</b>	<b>39,597</b>	<b>170,762</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	66,403	16,982	83,385	87,853	28,099	115,952	97,523	30,680	128,203
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	36,826	6,746	43,572	23,802	5,807	29,609	15,412	5,694	21,106
34. Dirt, clay or other streets, roads, parking lots, etc. ....	5,641	4,825	10,466	3,050	1,995	5,045	2,892	1,977	4,869
35. Grading, scraping, oiling, filling .....	5,407	303	5,710	1,050	328	1,378	1,497	309	1,806
36. Sidewalks, paths .....	2,743	708	3,451	3,175	743	3,918	3,515	722	4,237
37. Aerodromes, landing fields, runways, tarmac .....	5,864	228	6,092	6,594	207	6,801	10,326	215	10,541
<b>Waterworks and sewage systems</b> .....	<b>46,564</b>	<b>7,602</b>	<b>54,166</b>	<b>41,411</b>	<b>9,479</b>	<b>50,890</b>	<b>44,468</b>	<b>9,581</b>	<b>54,049</b>
38. Tile drains, drainage ditches, storm sewers .....	1,823	285	2,108	743	274	1,017	525	255	780
39. Water mains, hydrants and services .....	20,419	4,093	24,512	14,146	4,278	18,424	17,629	4,559	22,188
40. Sewage systems and connections .....	18,818	2,699	21,517	21,807	3,036	24,843	23,114	2,932	26,046
41. Pumping stations, water .....	4,759	443	5,202	4,148	1,879	6,027	2,956	1,821	4,777
42. Water storage tanks .....	745	82	827	567	12	579	244	14	258
<b>Dams and irrigation</b> .....	<b>14,465</b>	<b>2,126</b>	<b>16,591</b>	<b>36,068</b>	<b>2,344</b>	<b>38,412</b>	<b>85,200</b>	<b>2,768</b>	<b>87,968</b>
43. Dams and reservoirs .....	13,356	1,319	14,675	35,009	1,577	36,586	84,118	1,986	86,104
44. Irrigation and land reclamation projects .....	1,109	807	1,916	1,059	767	1,826	1,082	782	1,864
<b>Electric power construction</b> .....	<b>118,055</b>	<b>8,911</b>	<b>126,966</b>	<b>59,869</b>	<b>13,269</b>	<b>73,138</b>	<b>59,658</b>	<b>12,635</b>	<b>72,293</b>
45. Electric power generating plants, including water conveying and controlling structures .....	56,891	2,651	59,542	20,028	2,705	22,733	8,559	2,596	11,155
46. Electric transformer stations .....	25,583	2,616	28,199	11,873	3,244	15,117	13,932	3,148	17,080
47. Power transmission and distribution lines, trolley wires .....	34,258	3,461	37,719	26,809	6,789	33,598	36,279	6,635	42,914
48. Street lighting .....	1,323	183	1,506	1,159	531	1,690	888	256	1,144
<b>Railway, telephone and telegraph</b> .....	<b>93,688</b>	<b>29,664</b>	<b>123,352</b>	<b>105,766</b>	<b>30,947</b>	<b>136,713</b>	<b>56,356</b>	<b>33,223</b>	<b>89,579</b>
49. Railway tracks and roadbed .....	50,082	18,678	68,760	55,467	18,501	73,968	17,889	20,206	38,095
50. Signals and interlockers .....	651	1,394	2,045	1,151	1,366	2,517	934	1,404	2,338
51. Telegraph and telephone lines, underground and marine cables .....	42,955	9,592	52,547	49,148	11,080	60,228	37,533	11,613	49,146
<b>Gas and oil facilities</b> .....	<b>41,318</b>	<b>7,658</b>	<b>48,976</b>	<b>26,660</b>	<b>8,736</b>	<b>35,396</b>	<b>19,611</b>	<b>8,859</b>	<b>28,470</b>
52. Gas main and services .....	12,639	1,394	14,033	8,810	1,269	10,079	4,558	1,103	5,661
53. Pumping stations, oil .....	613	53	666	56	33	89	—	31	31
54. Pumping stations, gas .....	167	1	168	1,108	407	1,515	1,858	455	2,313
55. Oil storage tanks .....	5,500	369	5,869	6,180	616	6,796	5,588	571	6,159
56. Gas storage tanks .....	858	61	919	418	54	472	322	29	351
57. Oil pipe lines .....	4,604	149	4,753	1,082	450	1,532	406	130	536
58. Gas pipe lines .....	—	12	12	30	26	56	77	20	97
59. Oil wells .....	18	—	18	—	—	—	—	—	—
60. Gas wells .....	18	—	18	—	—	—	—	—	—
61. Oil refinery—processing units .....	16,901	5,619	22,520	8,976	5,881	14,857	6,802	6,520	13,322
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>83,907</b>	<b>9,686</b>	<b>93,593</b>	<b>71,503</b>	<b>12,093</b>	<b>83,596</b>	<b>78,029</b>	<b>13,000</b>	<b>91,029</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	49,890	4,891	54,781	52,550	5,939	58,489	57,230	6,664	63,894
64. Tunnels and subways .....	18,725	52	18,777	4,751	49	4,800	5,479	160	5,639
65. Incinerators .....	271	118	389	336	132	468	568	127	695
66. Park systems, landscaping, sodding, etc. ....	3,397	884	4,281	1,725	885	2,610	1,918	868	2,786
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,836	434	2,070	1,952	468	2,420	2,018	466	2,484
68. Mine shafts and other below surface workings .....	4,082	685	4,767	4,309	498	4,807	4,151	341	4,492
69. Fences, snowsheds, signs, guard rails .....	2,639	1,613	4,252	2,186	1,380	3,566	2,220	1,433	3,653
70. Other engineering construction .....	3,267	1,009	4,276	3,694	2,742	6,436	4,445	2,941	7,386

TABLE 24. Ontario

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,904,435</b>	<b>487,660</b>	<b>2,392,095</b>	<b>1,851,003</b>	<b>489,304</b>	<b>2,340,307</b>	<b>1,921,511</b>	<b>507,806</b>	<b>2,429,317</b>
<b>Total building construction .....</b>	<b>1,267,334</b>	<b>309,471</b>	<b>1,576,805</b>	<b>1,198,099</b>	<b>313,859</b>	<b>1,511,958</b>	<b>1,266,981</b>	<b>322,676</b>	<b>1,589,657</b>
<b>Residential .....</b>	<b>662,700</b>	<b>168,000</b>	<b>830,700</b>	<b>557,200</b>	<b>177,500</b>	<b>734,700</b>	<b>588,400</b>	<b>185,300</b>	<b>773,700</b>
<b>Industrial .....</b>	<b>120,038</b>	<b>55,258</b>	<b>175,296</b>	<b>128,640</b>	<b>52,018</b>	<b>180,658</b>	<b>128,116</b>	<b>53,975</b>	<b>182,091</b>
2. Factories, plants, workshops, food canneries ....	107,892	44,553	152,445	114,866	41,979	156,845	116,011	43,653	159,664
3. Mine and mine mill buildings .....	5,595	4,209	9,804	8,245	4,361	12,606	7,657	4,185	11,842
4. Railway stations, offices, roadway buildings .....	4,269	4,030	8,299	3,540	3,617	7,157	2,892	3,936	6,828
5. Railway shops, engine houses, water and fuel stations .....	2,282	2,466	4,748	1,989	2,061	4,050	1,556	2,201	3,757
<b>Commercial .....</b>	<b>236,249</b>	<b>40,580</b>	<b>276,829</b>	<b>248,726</b>	<b>38,480</b>	<b>287,206</b>	<b>252,249</b>	<b>37,362</b>	<b>289,611</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	23,804	4,186	27,990	28,561	3,558	30,119	17,564	3,685	21,249
7. Grain elevators .....	2,060	652	2,712	1,593	915	2,508	5,011	607	5,618
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	15,601	6,278	21,879	10,322	3,440	13,762	12,163	3,136	15,299
9. Office buildings .....	102,636	12,761	115,397	119,416	13,415	132,831	126,244	13,777	140,021
10. Stores, retail and wholesale .....	64,917	11,025	75,942	61,180	11,122	72,302	60,913	10,594	71,507
11. Garages and service stations .....	14,839	4,346	19,185	16,480	4,295	20,775	17,219	4,194	21,413
12. Theatres, arenas, amusement and recreational buildings .....	12,275	987	13,262	13,003	1,438	14,441	12,763	1,110	13,873
13. Laundries and dry cleaning establishments .....	117	345	462	171	297	468	372	259	631
<b>Institutional .....</b>	<b>190,910</b>	<b>17,273</b>	<b>208,183</b>	<b>204,697</b>	<b>17,431</b>	<b>222,128</b>	<b>236,241</b>	<b>17,117</b>	<b>253,358</b>
14. Schools and other educational buildings .....	102,678	6,642	109,320	112,614	7,768	120,382	114,575	7,474	122,049
15. Churches and other religious buildings .....	20,327	2,727	23,054	16,037	2,182	18,219	15,302	1,915	17,217
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	54,907	5,386	60,293	58,724	5,821	64,545	92,742	6,154	98,896
17. Other institutional buildings .....	12,998	2,518	15,516	17,322	1,660	18,982	13,622	1,574	15,196
<b>Other building construction .....</b>	<b>57,437</b>	<b>28,360</b>	<b>85,797</b>	<b>58,836</b>	<b>28,430</b>	<b>87,266</b>	<b>61,975</b>	<b>28,922</b>	<b>90,897</b>
18. Farm buildings (excluding dwellings) .....	28,243	20,304	48,547	28,685	20,175	48,860	28,799	20,539	49,338
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	15,248	633	15,881	19,306	734	20,040	18,372	743	19,115
20. Aeroplane hangars .....	1,659	572	2,231	1,849	565	2,414	2,919	583	3,502
21. Passenger terminals, bus, boat or air .....	—	93	93	—	36	36	120	132	252
22. Armouries, barracks, drill halls, etc. ....	1,931	5,269	7,200	2,211	5,696	7,907	2,093	5,935	8,028
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,750	846	3,596	2,914	661	3,575	5,412	555	5,967
24. Other building construction .....	7,606	643	8,249	3,871	563	4,434	4,260	435	4,695
<b>Total engineering construction .....</b>	<b>637,101</b>	<b>178,189</b>	<b>815,290</b>	<b>652,904</b>	<b>175,445</b>	<b>828,349</b>	<b>654,530</b>	<b>185,130</b>	<b>839,660</b>
<b>Marine construction .....</b>	<b>27,702</b>	<b>3,468</b>	<b>31,170</b>	<b>18,790</b>	<b>3,553</b>	<b>22,343</b>	<b>9,826</b>	<b>3,136</b>	<b>12,962</b>
25. Docks, wharves, piers, breakwaters .....	10,823	1,165	11,988	11,131	855	11,986	7,561	868	8,429
26. Retaining walls, embankments, riprapping .....	758	32	790	52	39	91	35	33	68
27. Canals and waterways .....	206	155	361	269	748	1,017	282	719	1,001
28. Dredging and pile driving .....	14,280	1,879	16,159	6,947	1,559	8,506	1,575	1,254	2,829
29. Dyke construction .....	543	—	543	—	7	7	—	8	8
30. Logging booms .....	52	192	244	43	296	339	43	203	246
31. Other marine construction .....	1,040	45	1,085	348	49	397	330	51	381



TABLE 24. Ontario — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>190,663</b>	<b>56,583</b>	<b>247,246</b>	<b>184,278</b>	<b>57,087</b>	<b>241,365</b>	<b>192,708</b>	<b>56,916</b>	<b>249,625</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	145,612	27,799	173,411	134,419	27,264	161,683	142,113	27,721	169,834
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	22,379	23,606	45,985	26,276	24,152	50,428	26,744	23,943	50,687
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,316	2,845	5,161	1,544	2,884	4,428	2,098	2,528	4,626
35. Grading, scraping, oiling, filling .....	472	195	667	491	160	651	220	153	373
36. Sidewalks, paths .....	5,012	1,479	6,491	4,514	1,907	6,421	5,403	1,827	7,230
37. Aerodromes, landing fields, runways, tarmac .....	14,872	659	15,531	17,034	720	17,754	16,130	744	16,874
<b>Waterworks and sewage systems .....</b>	<b>76,223</b>	<b>10,640</b>	<b>86,863</b>	<b>80,471</b>	<b>12,313</b>	<b>92,784</b>	<b>97,977</b>	<b>12,541</b>	<b>110,518</b>
38. Tile drains, drainage ditches, storm sewers .....	5,068	2,129	7,197	3,654	3,415	7,069	3,698	3,253	6,951
39. Water mains, hydrants and services .....	17,807	3,862	21,669	26,312	3,858	30,170	27,524	4,123	31,647
40. Sewage systems and connections .....	47,811	3,448	51,259	45,096	3,955	49,051	58,457	4,164	62,621
41. Pumping stations, water .....	4,975	1,149	6,124	4,482	981	5,463	7,051	950	8,001
42. Water storage tanks .....	562	52	614	927	104	1,031	1,247	51	1,298
<b>Dams and irrigation .....</b>	<b>3,250</b>	<b>1,409</b>	<b>4,659</b>	<b>3,732</b>	<b>1,388</b>	<b>5,120</b>	<b>4,368</b>	<b>1,710</b>	<b>6,078</b>
43. Dams and reservoirs .....	1,696	282	1,978	2,117	266	2,383	2,762	568	3,330
44. Irrigation and land reclamation projects .....	1,554	1,127	2,681	1,615	1,122	2,737	1,606	1,142	2,748
<b>Electric power construction .....</b>	<b>106,860</b>	<b>23,922</b>	<b>130,782</b>	<b>130,483</b>	<b>27,450</b>	<b>157,933</b>	<b>115,840</b>	<b>30,171</b>	<b>146,011</b>
45. Electric power generating plants, including water conveying and controlling structures .....	53,341	4,466	57,807	70,018	11,119	81,137	52,734	10,684	63,418
46. Electric transformer stations .....	8,640	3,610	12,250	14,092	2,377	16,469	14,670	3,140	17,810
47. Power transmission and distribution lines, trolley wires .....	40,694	13,291	53,985	43,921	11,757	55,678	45,708	14,054	59,762
48. Street lighting .....	4,185	2,555	6,740	2,452	2,197	4,649	2,728	2,293	5,021
<b>Railway, telephone and telegraph .....</b>	<b>86,572</b>	<b>54,026</b>	<b>140,598</b>	<b>85,782</b>	<b>51,141</b>	<b>136,923</b>	<b>79,204</b>	<b>55,668</b>	<b>134,872</b>
49. Railway tracks and roadbed .....	41,158	36,195	77,353	38,426	33,151	71,577	32,337	37,064	69,401
50. Signals and interlockers .....	2,278	2,526	4,804	2,227	2,230	4,457	1,963	2,317	4,280
51. Telegraph and telephone lines, underground and marine cables .....	43,136	15,305	58,441	45,129	15,760	60,889	44,904	16,287	61,191
<b>Gas and oil facilities .....</b>	<b>71,568</b>	<b>14,779</b>	<b>86,347</b>	<b>54,243</b>	<b>11,516</b>	<b>65,759</b>	<b>46,781</b>	<b>12,875</b>	<b>59,656</b>
52. Gas mains and services .....	31,971	2,484	34,455	25,233	1,575	26,808	22,745	1,696	24,441
53. Pumping stations, oil .....	169	190	359	223	160	383	59	157	216
54. Pumping stations, gas .....	14,187	3	14,190	10,250	—	10,250	2,715	1	2,716
55. Oil storage tanks .....	3,542	684	4,226	2,809	606	3,415	2,399	778	3,177
56. Gas storage tanks .....	329	—	329	298	10	308	501	1	502
57. Oil pipe lines .....	801	210	1,011	431	317	748	62	350	412
58. Gas pipe lines .....	6,278	241	6,519	2,650	96	2,746	1,457	91	1,548
59. Oil wells .....	837	14	851	630	96	726	914	110	1,024
60. Gas wells .....	967	153	1,120	559	15	574	147	16	163
61. Oil refinery — processing units .....	12,292	10,800	23,092	11,076	8,641	19,717	15,782	9,675	25,457
62. Natural gas cleaning plants .....	195	—	195	84	—	84	—	—	—
<b>Other engineering construction .....</b>	<b>74,263</b>	<b>13,362</b>	<b>87,625</b>	<b>95,125</b>	<b>10,997</b>	<b>106,122</b>	<b>107,826</b>	<b>12,113</b>	<b>119,939</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	47,672	6,306	53,978	56,689	5,571	62,260	66,458	6,835	73,293
64. Tunnels and subways .....	4,118	42	4,160	20,459	192	20,651	23,835	150	23,985
65. Incinerators .....	36	1,459	1,495	33	80	113	19	63	82
66. Park systems, landscaping, sodding, etc. ....	896	849	1,745	1,897	992	2,889	1,892	1,021	2,913
67. Swimming pools, tennis courts, outdoor recreation facilities ....	378	434	812	289	453	742	401	385	786
68. Mine shafts and other below surface workings .....	13,648	804	14,452	7,774	716	8,490	8,601	753	9,354
69. Fences, snowsheds, signs, guard rails .....	3,019	2,097	5,116	2,636	1,863	4,499	2,527	1,963	4,490
70. Other engineering construction .....	4,496	1,371	5,867	5,348	1,130	6,478	4,093	943	5,036



TABLE 25. Manitoba

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>314,674</b>	<b>83,095</b>	<b>397,769</b>	<b>337,547</b>	<b>84,455</b>	<b>422,002</b>	<b>314,450</b>	<b>87,360</b>	<b>401,810</b>
<b>Total building construction .....</b>	<b>181,178</b>	<b>45,293</b>	<b>226,471</b>	<b>192,464</b>	<b>48,659</b>	<b>241,123</b>	<b>184,429</b>	<b>49,308</b>	<b>233,737</b>
<b>Residential .....</b>	<b>73,600</b>	<b>19,000</b>	<b>92,600</b>	<b>87,100</b>	<b>20,000</b>	<b>107,100</b>	<b>92,600</b>	<b>20,900</b>	<b>113,500</b>
<b>Industrial .....</b>	<b>34,716</b>	<b>6,098</b>	<b>40,814</b>	<b>24,080</b>	<b>6,178</b>	<b>30,258</b>	<b>7,644</b>	<b>5,866</b>	<b>13,510</b>
2. Factories, plants, workshops, food canneries.....	25,954	3,227	29,181	14,457	3,573	18,030	5,221	3,217	8,438
3. Mine and mine mill buildings .....	6,828	97	6,925	7,794	126	7,920	209	80	289
4. Railway stations, offices, roadway buildings .....	1,329	1,502	2,831	1,212	1,295	2,507	910	1,393	2,303
5. Railway shops, engine houses, water and fuel stations .....	605	1,272	1,877	617	1,184	1,801	1,304	1,176	2,480
<b>Commercial .....</b>	<b>37,316</b>	<b>5,692</b>	<b>43,008</b>	<b>34,549</b>	<b>5,658</b>	<b>40,207</b>	<b>27,103</b>	<b>5,421</b>	<b>32,524</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,740	599	7,339	9,181	449	9,630	5,793	433	6,226
7. Grain elevators.....	1,250	727	1,977	1,881	757	2,638	1,092	742	1,834
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,838	738	5,576	3,065	675	3,740	1,511	426	1,937
9. Office buildings .....	13,663	1,294	14,957	9,844	1,648	11,492	11,967	1,604	13,571
10. Stores, retail and wholesale.....	6,814	1,625	8,439	7,066	1,535	8,601	3,927	1,565	5,492
11. Garages and service stations.....	2,124	390	2,514	1,686	293	1,979	1,720	316	2,036
12. Theatres, arenas, amusement and recreational buildings .....	1,861	207	2,068	1,815	214	2,029	1,059	246	1,305
13. Laundries and dry cleaning establishments.....	26	112	138	11	87	98	34	89	123
<b>Institutional.....</b>	<b>25,565</b>	<b>6,057</b>	<b>31,622</b>	<b>34,415</b>	<b>8,004</b>	<b>42,419</b>	<b>43,101</b>	<b>8,101</b>	<b>51,202</b>
14. Schools and other educational buildings .....	20,268	4,293	24,561	25,311	6,656	31,967	29,702	6,717	36,419
15. Churches and other religious buildings .....	1,765	315	2,080	2,135	107	2,242	3,511	96	3,607
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,483	1,015	3,498	5,921	1,117	7,038	7,637	1,080	8,717
17. Other institutional buildings .....	1,049	434	1,483	1,048	124	1,172	2,251	208	2,459
<b>Other building construction.....</b>	<b>9,981</b>	<b>8,446</b>	<b>18,427</b>	<b>12,320</b>	<b>8,819</b>	<b>21,139</b>	<b>13,981</b>	<b>9,020</b>	<b>23,001</b>
18. Farm buildings (excluding dwellings).....	8,227	5,772	13,999	8,677	6,129	14,806	8,961	6,225	15,186
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	730	226	956	1,923	217	2,140	3,009	264	3,273
20. Aeroplane hangars .....	68	261	329	76	268	344	92	275	367
21. Passenger terminals, bus, boat or air.....	36	66	102	46	62	108	74	58	132
22. Armouries, barracks, drill halls, etc. ....	467	658	1,125	590	668	1,258	958	708	1,666
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	128	85	213	325	81	406	57	66	123
24. Other building construction .....	325	1,378	1,703	683	1,394	2,077	830	1,424	2,254
<b>Total engineering construction .....</b>	<b>133,496</b>	<b>37,802</b>	<b>171,298</b>	<b>145,083</b>	<b>35,796</b>	<b>180,879</b>	<b>130,021</b>	<b>38,052</b>	<b>168,073</b>
<b>Marine construction .....</b>	<b>600</b>	<b>472</b>	<b>1,072</b>	<b>973</b>	<b>353</b>	<b>1,328</b>	<b>3,185</b>	<b>398</b>	<b>3,583</b>
25. Docks, wharves, piers, breakwaters .....	536	212	748	399	123	522	2,529	139	2,668
26. Retaining walls, embankments, riprapping.....	25	1	26	—	—	—	—	—	—
27. Canals and waterways.....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	220	220	540	231	771	600	257	857
29. Dyke construction .....	13	—	13	16	—	16	27	—	27
30. Logging booms .....	8	—	8	—	—	—	—	—	—
31. Other marine construction.....	18	39	57	18	1	19	29	2	31

TABLE 25. Manitoba — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>39,310</b>	<b>7,964</b>	<b>47,274</b>	<b>50,291</b>	<b>8,845</b>	<b>59,136</b>	<b>39,308</b>	<b>9,787</b>	<b>49,095</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	15,981	2,206	18,187	24,220	2,364	26,584	17,167	3,085	20,252
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,123	2,947	11,070	5,635	3,459	9,094	4,673	3,448	8,121
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,179	1,178	2,357	16,948	2,307	19,255	12,355	2,411	14,766
35. Grading, scraping, oiling, filling .....	11,547	1,363	12,910	414	369	783	518	480	998
36. Sidewalks, paths .....	507	203	710	580	280	860	546	293	839
37. Aerodromes, landing fields, runways, tarmac .....	1,973	67	2,040	2,494	66	2,560	4,049	70	4,119
<b>Waterworks and sewage systems .....</b>	<b>11,816</b>	<b>1,810</b>	<b>13,626</b>	<b>7,923</b>	<b>2,505</b>	<b>10,428</b>	<b>10,381</b>	<b>2,675</b>	<b>13,056</b>
38. Tile drains, drainage ditches, storm sewers .....	841	537	1,378	984	1,182	2,166	1,411	1,357	2,768
39. Water mains, hydrants and services .....	7,053	899	7,952	2,588	895	3,483	5,541	933	6,474
40. Sewage systems and connections .....	3,593	353	3,946	3,033	367	3,400	3,133	342	3,475
41. Pumping stations, water .....	253	20	273	1,318	56	1,374	154	43	197
42. Water storage tanks .....	76	1	77	—	5	5	142	—	142
<b>Dams and irrigation .....</b>	<b>2,774</b>	<b>333</b>	<b>3,107</b>	<b>3,256</b>	<b>359</b>	<b>3,615</b>	<b>3,992</b>	<b>376</b>	<b>4,368</b>
43. Dams and reservoirs .....	1,954	18	1,972	2,552	24	2,576	3,172	36	3,208
44. Irrigation and land reclamation projects .....	820	315	1,135	704	335	1,039	820	340	1,160
<b>Electric power construction .....</b>	<b>26,028</b>	<b>2,416</b>	<b>28,444</b>	<b>20,611</b>	<b>1,470</b>	<b>22,081</b>	<b>26,705</b>	<b>1,389</b>	<b>28,094</b>
45. Electric power generating plants, including water conveying and controlling structures .....	14,293	761	15,054	10,784	523	11,307	15,061	612	15,673
46. Electric transformer stations .....	472	254	726	1,250	178	1,428	2,074	93	2,167
47. Power transmission and distribution lines, trolley wires .....	10,158	1,234	11,392	7,410	726	8,136	8,450	640	9,090
48. Street lighting .....	1,105	167	1,272	1,167	43	1,210	1,120	44	1,164
<b>Railway, telephone and telegraph .....</b>	<b>23,223</b>	<b>16,949</b>	<b>40,172</b>	<b>19,790</b>	<b>16,322</b>	<b>36,112</b>	<b>17,068</b>	<b>17,417</b>	<b>34,485</b>
49. Railway tracks and roadbed .....	16,390	12,993	29,383	13,234	11,857	25,091	9,898	12,773	22,671
50. Signals and interlockers .....	478	581	1,059	753	734	1,487	565	788	1,353
51. Telegraph and telephone lines, underground and marine cables .....	6,355	3,375	9,730	5,803	3,731	9,534	6,605	3,856	10,461
<b>Gas and oil facilities .....</b>	<b>12,132</b>	<b>2,192</b>	<b>14,324</b>	<b>21,824</b>	<b>1,330</b>	<b>23,154</b>	<b>9,662</b>	<b>1,285</b>	<b>10,947</b>
52. Gas mains and services .....	6,173	424	6,597	4,910	—	4,910	5,911	1	5,912
53. Pumping stations, oil .....	69	202	271	1,777	230	2,007	12	232	244
54. Pumping stations, gas .....	3	—	3	6,229	—	6,229	2,402	—	2,402
55. Oil storage tanks .....	518	113	631	651	133	784	338	131	469
56. Gas storage tanks .....	84	—	84	35	—	35	94	—	94
57. Oil pipe lines .....	519	230	749	444	101	545	—	155	155
58. Gas pipe lines .....	134	—	134	6,466	—	6,466	—	—	—
59. Oil wells .....	390	318	708	1,066	258	1,324	536	274	810
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — processing units .....	4,242	905	5,147	246	608	854	369	492	861
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>17,613</b>	<b>5,666</b>	<b>23,279</b>	<b>20,415</b>	<b>4,610</b>	<b>25,025</b>	<b>19,720</b>	<b>4,725</b>	<b>24,445</b>
33. Bridges, trestles, culverts, overpasses, viaducts .....	7,417	2,186	9,603	9,725	1,558	11,283	6,450	1,670	8,120
34. Tunnels and subways .....	—	—	—	79	—	79	59	—	59
35. Incinerators .....	24	29	53	938	20	958	438	5	443
36. Park systems, landscaping, sodding, etc. ....	484	190	674	156	143	299	200	153	353
37. Swimming pools, tennis courts, outdoor recreation facilities ....	274	18	292	246	143	389	508	157	665
38. Mine shafts and other below surface workings .....	4,003	687	4,690	3,030	838	3,868	2,493	695	3,188
39. Fences, snowsheds, signs, guard rails .....	883	737	1,620	817	657	1,474	835	691	1,526
70. Other engineering construction .....	4,528	1,819	6,347	5,424	1,251	6,675	8,737	1,354	10,091



TABLE 26. Saskatchewan

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>273,411</b>	<b>84,306</b>	<b>357,717</b>	<b>289,348</b>	<b>80,483</b>	<b>369,831</b>	<b>300,059</b>	<b>83,374</b>	<b>383,433</b>
<b>Total building construction .....</b>	<b>154,684</b>	<b>43,952</b>	<b>198,636</b>	<b>138,368</b>	<b>43,626</b>	<b>181,994</b>	<b>154,261</b>	<b>44,213</b>	<b>198,474</b>
<b>Residential .....</b>	<b>80,000</b>	<b>15,500</b>	<b>95,500</b>	<b>59,400</b>	<b>16,400</b>	<b>75,800</b>	<b>62,800</b>	<b>17,100</b>	<b>79,900</b>
<b>Industrial .....</b>	<b>6,789</b>	<b>3,615</b>	<b>10,404</b>	<b>6,271</b>	<b>3,191</b>	<b>9,462</b>	<b>5,822</b>	<b>3,266</b>	<b>9,088</b>
2. Factories, plants, workshops, food canneries .....	2,907	1,310	4,217	3,547	1,449	4,996	4,024	1,284	5,308
3. Mine and mine mill buildings .....	2,159	302	2,461	1,145	127	1,272	478	172	650
4. Railway stations, offices, roadway buildings .....	1,090	1,331	2,421	1,034	1,066	2,100	836	1,167	2,003
5. Railway shops, engine houses, water and fuel stations .....	633	672	1,305	545	549	1,094	484	643	1,127
<b>Commercial .....</b>	<b>36,768</b>	<b>9,641</b>	<b>46,409</b>	<b>23,001</b>	<b>6,928</b>	<b>31,929</b>	<b>25,253</b>	<b>6,458</b>	<b>31,711</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,463	573	3,036	1,584	563	2,147	2,825	569	3,394
7. Grain elevators .....	4,937	2,556	7,493	5,098	2,413	7,511	4,525	2,395	6,920
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,524	549	2,073	2,581	788	3,369	1,149	490	1,639
9. Office buildings .....	8,284	1,960	10,244	6,426	1,165	7,591	9,080	1,265	10,345
10. Stores, retail and wholesale .....	5,293	1,334	6,627	7,031	1,534	8,565	5,820	1,328	7,148
11. Garages and service stations .....	1,871	326	2,197	1,355	238	1,593	1,087	266	1,353
12. Theatres, arenas, amusement and recreational buildings .....	12,242	2,298	14,540	923	205	1,128	764	136	900
13. Laundries and dry cleaning establishments .....	154	45	199	3	22	25	3	9	12
<b>Institutional .....</b>	<b>10,503</b>	<b>1,817</b>	<b>12,320</b>	<b>27,352</b>	<b>4,318</b>	<b>31,670</b>	<b>36,409</b>	<b>4,362</b>	<b>40,771</b>
14. Schools and other educational buildings .....	2,265	328	2,593	15,779	2,789	18,568	18,190	2,948	21,138
15. Churches and other religious buildings .....	2,915	349	3,264	3,337	508	3,845	1,250	190	1,440
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,855	975	4,830	6,178	779	6,957	14,995	996	15,991
17. Other institutional buildings .....	1,468	165	1,633	2,058	242	2,300	1,974	228	2,202
<b>Other building construction .....</b>	<b>20,624</b>	<b>13,379</b>	<b>34,003</b>	<b>20,344</b>	<b>12,789</b>	<b>33,133</b>	<b>23,977</b>	<b>13,027</b>	<b>37,004</b>
18. Farm buildings (excluding dwellings) .....	17,479	12,718	30,197	16,486	12,001	28,487	17,015	12,182	29,197
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,011	90	1,101	717	104	821	1,826	107	1,933
20. Aeroplane hangars .....	29	70	99	24	82	106	77	85	162
21. Passenger terminals, bus, boat or air .....	747	—	747	773	—	773	1,546	—	1,546
22. Armouries, barracks, drill halls, etc. ....	593	344	937	614	420	1,034	1,227	434	1,661
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	209	85	294	285	114	399	192	91	283
24. Other building construction .....	556	72	628	1,445	68	1,513	2,094	128	2,222
<b>Total engineering construction .....</b>	<b>118,727</b>	<b>40,354</b>	<b>159,081</b>	<b>150,980</b>	<b>36,857</b>	<b>187,837</b>	<b>145,798</b>	<b>39,161</b>	<b>184,959</b>
<b>Marine construction .....</b>	<b>115</b>	<b>82</b>	<b>197</b>	<b>58</b>	<b>31</b>	<b>89</b>	<b>57</b>	<b>39</b>	<b>96</b>
25. Docks, wharves, piers, breakwaters .....	104	79	183	47	31	78	34	39	73
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	11	3	14	11	—	11	23	—	23



TABLE 26. Saskatchewan - Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>24,420</b>	<b>11,701</b>	<b>36,121</b>	<b>33,107</b>	<b>11,486</b>	<b>44,593</b>	<b>35,105</b>	<b>12,216</b>	<b>47,321</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	9,747	3,109	12,856	10,313	2,192	12,505	17,160	3,188	20,348
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	9,784	6,546	16,330	16,806	6,997	23,803	11,912	6,790	18,702
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,397	1,804	5,201	3,715	2,029	5,744	4,116	1,891	6,007
35. Grading, scraping, oiling, filling .....	22	19	41	10	30	40	8	28	36
36. Sidewalks, paths .....	1,381	181	1,562	2,171	185	2,356	1,725	257	1,982
37. Aerodromes, landing fields, runways, tarmac .....	89	42	131	92	53	145	184	62	246
<b>Waterworks and sewage systems</b> .....	<b>10,404</b>	<b>1,379</b>	<b>11,783</b>	<b>11,214</b>	<b>1,428</b>	<b>12,642</b>	<b>11,046</b>	<b>1,540</b>	<b>12,586</b>
38. Tile drains, drainage ditches, storm sewers .....	177	77	254	534	73	607	580	79	659
39. Water mains, hydrants and services .....	3,297	814	4,111	2,479	852	3,331	1,980	950	2,930
40. Sewage systems and connections .....	5,750	423	6,173	7,114	426	7,540	8,308	439	8,747
41. Pumping stations, water .....	1,166	65	1,231	1,087	76	1,163	176	71	247
42. Water storage tanks .....	14	—	14	—	1	1	2	1	3
<b>Dams and irrigation</b> .....	<b>7,567</b>	<b>1,140</b>	<b>8,707</b>	<b>9,739</b>	<b>1,303</b>	<b>11,042</b>	<b>16,980</b>	<b>1,323</b>	<b>18,303</b>
43. Dams and reservoirs .....	6,463	249	6,712	7,310	384	7,694	13,316	376	13,692
44. Irrigation and land reclamation projects .....	1,104	891	1,995	2,429	919	3,348	3,664	947	4,611
<b>Electric power construction</b> .....	<b>19,907</b>	<b>1,977</b>	<b>21,884</b>	<b>28,444</b>	<b>2,063</b>	<b>30,507</b>	<b>31,088</b>	<b>2,204</b>	<b>33,292</b>
45. Electric power generating plants, including water conveying and controlling structures .....	956	806	1,762	11,828	254	12,082	9,945	279	10,224
46. Electric transformer stations .....	134	14	148	94	99	193	78	109	187
47. Power transmission and distribution lines, trolley wires .....	18,563	884	19,447	16,276	1,414	17,690	20,829	1,504	22,333
48. Street lighting .....	254	273	527	246	296	542	236	312	548
<b>Railway, telephone and telegraph</b> .....	<b>16,071</b>	<b>14,582</b>	<b>30,653</b>	<b>15,837</b>	<b>13,201</b>	<b>29,038</b>	<b>13,630</b>	<b>14,374</b>	<b>28,004</b>
49. Railway tracks and roadbed .....	11,245	12,108	23,353	10,710	10,030	20,740	9,086	10,949	20,035
50. Signals and interlockers .....	1,381	417	1,798	610	633	1,243	522	683	1,205
51. Telegraph and telephone lines, underground and marine cables .....	3,445	2,057	5,502	4,517	2,538	7,055	4,022	2,742	6,764
<b>Gas and oil facilities</b> .....	<b>28,139</b>	<b>5,731</b>	<b>33,870</b>	<b>38,577</b>	<b>3,343</b>	<b>41,920</b>	<b>27,838</b>	<b>3,242</b>	<b>31,080</b>
52. Gas mains and services .....	4,557	328	4,885	3,806	274	4,080	4,460	293	4,753
53. Pumping stations, oil .....	251	296	547	1,059	346	1,405	66	345	411
54. Pumping stations, gas .....	757	56	813	13,615	—	13,615	3,406	—	3,406
55. Oil storage tanks .....	735	116	851	410	115	525	242	125	367
56. Gas storage tanks .....	13	—	13	26	10	36	45	8	53
57. Oil pipe lines .....	124	303	427	113	272	385	19	249	268
58. Gas pipe lines .....	7,976	14	7,990	3,474	15	3,489	5,600	17	5,617
59. Oil wells .....	12,087	3,415	15,502	11,347	1,074	12,421	13,131	1,032	14,163
60. Gas wells .....	382	7	389	1,858	132	1,990	314	134	448
61. Oil refinery — processing units .....	1,142	1,166	2,308	2,804	990	3,794	555	971	1,526
62. Natural gas cleaning plants .....	115	30	145	65	115	180	—	68	68
<b>Other engineering construction</b> .....	<b>12,104</b>	<b>3,762</b>	<b>15,866</b>	<b>14,004</b>	<b>4,002</b>	<b>18,006</b>	<b>10,054</b>	<b>4,223</b>	<b>14,277</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,737	972	4,709	5,723	1,043	6,766	2,850	1,147	3,997
64. Tunnels and subways .....	425	2	427	44	1	45	60	6	66
65. Incinerators .....	—	60	60	5	7	12	300	9	309
66. Park systems, landscaping, sodding, etc. ....	62	146	208	41	64	105	83	65	148
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	7	7	284	79	363	314	155	469
68. Mine shafts and other below surface workings .....	5,964	492	6,456	6,081	571	6,652	4,127	557	4,684
69. Fences, snowsheds, signs, guard rails .....	1,747	1,721	3,468	1,643	1,890	3,533	2,146	1,957	4,103
70. Other engineering construction .....	169	362	531	183	347	530	174	327	501

TABLE 27. Alberta

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>676, 073</b>	<b>142, 524</b>	<b>818, 597</b>	<b>678, 488</b>	<b>141, 341</b>	<b>819, 829</b>	<b>781, 730</b>	<b>145, 568</b>	<b>927, 298</b>
<b>Total building construction .....</b>	<b>320, 978</b>	<b>76, 464</b>	<b>397, 442</b>	<b>294, 184</b>	<b>77, 218</b>	<b>371, 402</b>	<b>307, 972</b>	<b>80, 104</b>	<b>388, 076</b>
<b>Residential .....</b>	<b>178, 000</b>	<b>38, 800</b>	<b>216, 800</b>	<b>137, 100</b>	<b>41, 000</b>	<b>178, 100</b>	<b>149, 100</b>	<b>42, 800</b>	<b>191, 900</b>
<b>Industrial .....</b>	<b>12, 782</b>	<b>4, 862</b>	<b>17, 644</b>	<b>17, 245</b>	<b>4, 805</b>	<b>22, 050</b>	<b>12, 211</b>	<b>4, 923</b>	<b>17, 134</b>
2. Factories, plants, workshops, food canneries .....	10, 911	3, 061	13, 972	15, 655	3, 146	18, 801	10, 827	3, 164	13, 991
3. Mine and mine mill buildings .....	388	52	440	119	117	236	144	109	253
4. Railway stations, offices, roadway buildings .....	963	1, 134	2, 097	968	1, 027	1, 995	750	1, 095	1, 845
5. Railway shops, engine houses, water and fuel stations .....	520	615	1, 135	503	515	1, 018	490	555	1, 045
<b>Commercial .....</b>	<b>43, 529</b>	<b>12, 425</b>	<b>55, 954</b>	<b>47, 542</b>	<b>11, 897</b>	<b>59, 439</b>	<b>52, 649</b>	<b>11, 749</b>	<b>64, 398</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3, 451	1, 149	4, 600	4, 381	1, 059	5, 440	8, 336	1, 177	9, 513
7. Grain elevators .....	1, 266	1, 470	2, 736	2, 237	1, 372	3, 609	2, 615	1, 390	4, 005
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3, 031	1, 814	4, 845	3, 907	1, 753	5, 660	1, 422	1, 516	2, 938
9. Office buildings .....	13, 656	4, 198	17, 854	17, 633	4, 436	22, 069	22, 715	4, 441	27, 156
10. Stores, retail and wholesale .....	14, 320	2, 243	16, 563	13, 009	2, 216	15, 225	10, 254	2, 256	12, 510
11. Garages and service stations .....	4, 412	739	5, 151	3, 618	600	4, 218	2, 508	531	3, 039
12. Theatres, arenas, amusement and recreational buildings .....	3, 302	756	4, 058	2, 757	461	3, 218	4, 799	379	5, 178
13. Laundries and dry cleaning establishments .....	91	56	147	—	—	—	—	59	59
<b>Institutional .....</b>	<b>63, 453</b>	<b>6, 393</b>	<b>69, 846</b>	<b>59, 600</b>	<b>5, 742</b>	<b>65, 342</b>	<b>66, 221</b>	<b>6, 689</b>	<b>72, 910</b>
14. Schools and other educational buildings .....	44, 953	3, 572	48, 525	43, 689	3, 782	47, 471	41, 505	4, 119	45, 624
15. Churches and other religious buildings .....	3, 233	291	3, 524	2, 936	159	3, 095	1, 859	139	1, 998
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7, 950	1, 709	9, 659	8, 798	1, 401	10, 199	19, 985	2, 009	21, 994
17. Other institutional buildings .....	7, 317	821	8, 138	4, 177	400	4, 577	2, 872	422	3, 294
<b>Other building construction .....</b>	<b>23, 214</b>	<b>13, 984</b>	<b>37, 198</b>	<b>32, 697</b>	<b>13, 774</b>	<b>46, 471</b>	<b>27, 791</b>	<b>13, 943</b>	<b>41, 734</b>
18. Farm buildings (excluding dwellings) .....	16, 852	11, 812	28, 664	17, 140	11, 452	28, 592	16, 141	11, 628	27, 769
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2, 551	214	2, 765	12, 180	289	12, 469	9, 189	352	9, 541
20. Aeroplane hangars .....	78	388	466	1, 064	380	1, 444	54	393	447
21. Passenger terminals, bus, boat or air .....	131	71	202	89	34	123	98	29	127
22. Armouries, barracks, drill halls, etc. ....	1, 264	1, 124	2, 388	855	1, 186	2, 041	935	1, 226	2, 161
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1, 760	336	2, 096	1, 064	329	1, 393	885	265	1, 150
24. Other building construction .....	578	39	617	305	104	409	489	50	539
<b>Total engineering construction .....</b>	<b>355, 095</b>	<b>66, 060</b>	<b>421, 155</b>	<b>384, 304</b>	<b>64, 123</b>	<b>448, 427</b>	<b>473, 758</b>	<b>65, 464</b>	<b>539, 222</b>
<b>Marine construction .....</b>	<b>268</b>	<b>440</b>	<b>708</b>	<b>796</b>	<b>427</b>	<b>1, 223</b>	<b>787</b>	<b>421</b>	<b>1, 208</b>
25. Docks, wharves, piers, breakwaters .....	174	83	257	102	52	154	98	40	138
26. Retaining walls, embankments, riprapping .....	—	1	1	628	1	629	619	1	620
27. Canals and waterways .....	—	13	13	—	—	—	—	—	—
28. Dredging and pile driving .....	88	343	431	60	374	434	66	380	446
29. Dyke construction .....	—	—	—	2	—	2	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	6	—	6	4	—	4	4	—	4



TABLE 27. Alberta — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b>	<b>74,180</b>	<b>25,285</b>	<b>99,465</b>	<b>79,803</b>	<b>27,403</b>	<b>107,206</b>	<b>80,798</b>	<b>26,139</b>	<b>106,937</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	35,451	8,853	44,304	40,631	4,923	45,554	42,944	4,798	47,742
33. Gravel or stone streets, highways, roads, parking lots, etc.	14,950	12,222	27,172	18,813	16,944	35,757	18,696	16,574	35,270
34. Dirt, clay or other streets, roads, parking lots, etc.	5,512	3,717	9,229	4,368	4,109	8,477	5,068	3,394	8,462
35. Grading, scraping, oiling, filling	7,765	30	7,795	4,719	1,043	5,762	4,750	1,025	5,775
36. Sidewalks, paths	3,215	399	3,614	6,325	317	6,642	3,899	265	4,164
37. Aerodromes, landing fields, runways, tarmac	7,287	64	7,351	4,947	67	5,014	5,441	83	5,524
<b>Waterworks and sewage systems</b>	<b>22,094</b>	<b>2,151</b>	<b>24,245</b>	<b>17,304</b>	<b>2,357</b>	<b>19,661</b>	<b>15,203</b>	<b>2,278</b>	<b>17,481</b>
38. Tile drains, drainage ditches, storm sewers	306	159	465	820	257	1,077	913	191	1,104
39. Water mains, hydrants and services	5,762	1,468	7,230	6,273	1,392	7,665	4,294	1,519	5,813
40. Sewage systems and connections	15,655	397	16,052	9,763	666	10,429	9,706	495	10,201
41. Pumping stations, water	121	125	246	258	38	296	290	68	358
42. Water storage tanks	250	2	252	190	4	194	—	5	5
<b>Dams and irrigation</b>	<b>5,407</b>	<b>1,082</b>	<b>6,489</b>	<b>3,015</b>	<b>1,069</b>	<b>4,084</b>	<b>3,722</b>	<b>1,094</b>	<b>4,816</b>
43. Dams and reservoirs	852	57	909	290	39	329	1,202	42	1,244
44. Irrigation and land reclamation projects	4,555	1,025	5,580	2,725	1,030	3,755	2,520	1,052	3,572
<b>Electric power construction</b>	<b>15,795</b>	<b>3,257</b>	<b>19,052</b>	<b>19,927</b>	<b>2,960</b>	<b>22,887</b>	<b>21,523</b>	<b>3,909</b>	<b>25,432</b>
45. Electric power generating plants, including water conveying and controlling structures	2,656	351	3,007	4,353	327	4,680	3,998	366	4,364
46. Electric transformer stations	1,886	215	2,101	1,972	186	2,158	1,805	250	2,055
47. Power transmission and distribution lines, trolley wires	9,549	2,414	11,963	10,984	2,140	13,124	13,179	2,943	16,122
48. Street lighting	1,704	277	1,981	2,618	307	2,925	2,541	350	2,891
<b>Railway, telephone and telegraph</b>	<b>21,257</b>	<b>14,230</b>	<b>35,487</b>	<b>24,251</b>	<b>13,297</b>	<b>37,548</b>	<b>17,868</b>	<b>14,183</b>	<b>32,051</b>
49. Railway tracks and roadbed	12,199	11,532	23,731	13,693	10,229	23,922	10,848	10,796	21,644
50. Signals and interlockers	384	462	846	677	573	1,250	530	608	1,138
51. Telegraph and telephone lines, underground and marine cables	8,674	2,236	10,910	9,881	2,495	12,376	6,490	2,779	9,269
<b>Gas and oil facilities</b>	<b>198,659</b>	<b>13,887</b>	<b>212,546</b>	<b>220,125</b>	<b>9,988</b>	<b>230,113</b>	<b>313,048</b>	<b>10,689</b>	<b>323,737</b>
52. Gas mains and services	6,983	802	7,785	3,442	391	3,833	3,687	724	4,411
53. Pumping stations, oil	1,148	255	1,403	123	370	493	393	372	765
54. Pumping stations, gas	385	20	405	734	69	803	1,275	71	1,346
55. Oil storage tanks	3,315	244	3,559	4,569	223	4,792	1,603	199	1,802
56. Gas storage tanks	101	—	101	10,098	4	10,102	385	6	391
57. Oil pipe lines	7,075	421	7,496	31,035	364	31,399	8,452	384	8,836
58. Gas pipe lines	22,018	391	22,409	1,797	280	2,077	77,771	339	78,110
59. Oil wells	103,917	6,436	110,353	105,854	3,399	109,253	102,070	3,379	105,449
60. Gas wells	23,500	954	24,454	37,647	1,254	38,901	38,714	1,337	40,051
61. Oil refinery—processing units	7,442	2,983	10,425	3,203	2,122	5,325	2,730	2,364	5,094
62. Natural gas cleaning plants	22,775	1,381	24,156	21,623	1,512	23,135	75,968	1,514	77,482
<b>Other engineering construction</b>	<b>17,435</b>	<b>5,728</b>	<b>23,163</b>	<b>19,083</b>	<b>6,622</b>	<b>25,705</b>	<b>20,809</b>	<b>6,751</b>	<b>27,560</b>
63. Bridges, trestles, culverts, overpasses, viaducts	9,570	4,028	13,598	9,932	4,685	14,617	11,428	4,785	16,213
64. Tunnels and subways	244	6	250	201	16	217	1,218	7	1,225
65. Incinerators	41	—	41	29	—	29	15	—	15
66. Park systems, landscaping, sodding, etc.	532	252	784	534	309	843	739	436	1,175
67. Swimming pools, tennis courts, outdoor recreation facilities	578	55	633	391	40	431	427	41	468
68. Mine shafts and other below surface workings	67	14	81	1,715	—	1,715	106	—	106
69. Fences, snowsheds, signs, guard rails	1,196	1,020	2,216	1,172	899	2,071	1,105	920	2,025
70. Other engineering construction	5,207	353	5,560	5,109	673	5,782	5,771	562	6,333



TABLE 28. British Columbia

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>674,417</b>	<b>145,880</b>	<b>820,297</b>	<b>592,727</b>	<b>150,832</b>	<b>743,559</b>	<b>593,912</b>	<b>149,802</b>	<b>743,714</b>
<b>Total building construction .....</b>	<b>386,269</b>	<b>81,767</b>	<b>468,036</b>	<b>302,210</b>	<b>83,347</b>	<b>385,557</b>	<b>308,249</b>	<b>85,082</b>	<b>393,331</b>
<b>Residential .....</b>	<b>225,100</b>	<b>47,400</b>	<b>272,500</b>	<b>158,300</b>	<b>50,000</b>	<b>208,300</b>	<b>164,800</b>	<b>52,200</b>	<b>217,000</b>
<b>Industrial .....</b>	<b>26,519</b>	<b>9,664</b>	<b>36,183</b>	<b>32,262</b>	<b>9,357</b>	<b>41,619</b>	<b>21,617</b>	<b>9,291</b>	<b>30,908</b>
2. Factories, plants, workshops, food canneries .....	23,482	7,567	31,049	30,225	7,582	37,807	18,545	7,412	25,957
3. Mine and mine mill buildings .....	317	235	552	767	178	945	1,608	181	1,789
4. Railway stations, offices, roadway buildings .....	2,234	1,260	3,494	816	1,114	1,930	860	1,171	2,031
5. Railway shops, engine houses, water and fuel stations .....	486	602	1,088	454	483	937	604	527	1,131
<b>Commercial .....</b>	<b>62,313</b>	<b>11,441</b>	<b>73,754</b>	<b>50,581</b>	<b>10,206</b>	<b>60,787</b>	<b>48,723</b>	<b>9,875</b>	<b>58,598</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,880	1,408	7,288	6,365	1,489	7,854	6,415	1,439	7,854
7. Grain elevators .....	1,132	60	1,192	96	68	164	355	100	455
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	6,499	1,404	7,903	6,752	1,376	8,128	4,057	1,195	5,252
9. Office buildings .....	18,006	2,539	20,545	16,557	3,183	19,740	13,590	2,892	16,482
10. Stores, retail and wholesale .....	18,860	3,147	22,007	15,265	2,883	18,148	19,240	3,015	22,255
11. Garages and service stations .....	6,807	746	7,553	3,265	723	3,988	3,144	832	3,976
12. Theatres, arenas, amusement and recreational buildings ..	4,994	2,037	7,031	2,120	407	2,527	1,866	334	2,200
13. Laundries and dry cleaning establishments .....	135	100	235	161	77	238	56	68	124
<b>Institutional .....</b>	<b>54,274</b>	<b>7,057</b>	<b>61,331</b>	<b>45,012</b>	<b>7,527</b>	<b>52,539</b>	<b>56,807</b>	<b>7,599</b>	<b>64,406</b>
14. Schools and other educational buildings .....	26,910	3,356	30,266	24,625	4,761	29,386	26,999	6,357	33,356
15. Churches and other religious buildings .....	5,002	174	5,176	5,613	270	5,883	3,561	211	3,772
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	17,044	1,073	18,117	12,488	2,330	14,818	24,294	926	25,220
17. Other institutional buildings .....	5,318	2,454	7,772	2,286	166	2,452	1,953	105	2,058
<b>Other building construction .....</b>	<b>18,063</b>	<b>6,205</b>	<b>24,268</b>	<b>16,055</b>	<b>6,257</b>	<b>22,312</b>	<b>16,302</b>	<b>6,117</b>	<b>22,419</b>
18. Farm buildings (excluding dwellings) .....	5,779	3,119	8,898	4,914	2,854	7,768	4,853	2,938	7,791
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5,425	260	5,685	4,923	329	5,252	3,596	383	3,979
20. Aeroplane hangars .....	200	122	322	1,388	368	1,756	2,431	319	2,750
21. Passenger terminals, bus, boat or air .....	317	16	333	199	13	212	208	16	224
22. Armouries, barracks, drill halls, etc. ....	1,425	1,169	2,594	946	1,084	2,030	989	1,118	2,107
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,901	1,196	3,097	1,452	1,300	2,752	2,092	1,031	3,123
24. Other building construction .....	3,016	323	3,339	2,233	309	2,542	2,133	312	2,445
<b>Total engineering construction .....</b>	<b>288,148</b>	<b>64,113</b>	<b>352,261</b>	<b>290,517</b>	<b>67,485</b>	<b>358,002</b>	<b>285,663</b>	<b>64,720</b>	<b>350,383</b>
<b>Marine construction .....</b>	<b>15,268</b>	<b>3,780</b>	<b>19,048</b>	<b>13,528</b>	<b>3,412</b>	<b>16,940</b>	<b>11,720</b>	<b>3,254</b>	<b>14,974</b>
25. Docks, wharves, piers, breakwaters .....	6,936	1,754	8,690	9,874	1,870	11,744	8,490	1,807	10,297
26. Retaining walls, embankments, riprapping .....	45	75	120	91	30	121	68	27	95
27. Canals and waterways .....	30	26	56	183	—	183	4	—	4
28. Dredging and pile driving .....	2,243	1,215	3,458	1,962	1,110	3,072	1,776	1,046	2,822
29. Dyke construction .....	92	89	181	72	99	171	57	87	144
30. Logging booms .....	251	542	793	375	135	510	442	155	597
31. Other marine construction .....	5,671	79	5,750	971	168	1,139	883	132	1,015

TABLE 28. British Columbia — Concluded

Type of structure	1959			1960			1961		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>90,863</b>	<b>24,187</b>	<b>115,050</b>	<b>78,377</b>	<b>26,421</b>	<b>104,798</b>	<b>74,227</b>	<b>23,314</b>	<b>97,541</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	23,735	3,919	27,654	35,022	3,607	38,629	33,205	3,575	36,780
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	49,427	16,128	65,555	26,062	17,350	43,412	23,016	14,573	37,589
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9,824	2,797	12,621	11,224	4,139	15,363	12,059	3,767	15,826
35. Grading, scraping, oiling, filling .....	1,914	828	2,742	1,295	767	2,062	1,423	828	2,251
36. Sidewalks, paths .....	1,528	452	1,980	1,770	501	2,271	1,432	513	1,945
37. Aerodromes, landing fields, runways, tarmac .....	4,435	63	4,498	3,004	57	3,061	3,092	58	3,150
<b>Waterworks and sewage systems .....</b>	<b>20,215</b>	<b>4,761</b>	<b>24,976</b>	<b>19,117</b>	<b>4,453</b>	<b>23,570</b>	<b>29,114</b>	<b>4,457</b>	<b>33,571</b>
38. Tile drains, drainage ditches, storm sewers .....	735	1,477	2,212	646	1,209	1,855	492	1,056	1,548
39. Water mains, hydrants and services .....	8,940	2,241	11,181	6,998	2,151	9,149	14,232	2,249	16,481
40. Sewage systems and connections .....	9,991	932	10,923	11,256	1,018	12,274	13,646	1,060	14,706
41. Pumping stations, water .....	335	77	412	138	69	207	529	86	615
42. Water storage tanks .....	214	34	248	79	6	85	215	6	221
<b>Dams and irrigation .....</b>	<b>17,276</b>	<b>417</b>	<b>17,693</b>	<b>8,783</b>	<b>357</b>	<b>9,140</b>	<b>9,573</b>	<b>344</b>	<b>9,917</b>
43. Dams and reservoirs .....	16,945	246	17,191	8,462	202	8,664	9,249	182	9,431
44. Irrigation and land reclamation projects .....	331	171	502	321	155	476	324	162	486
<b>Electric power construction .....</b>	<b>39,310</b>	<b>4,977</b>	<b>44,287</b>	<b>51,562</b>	<b>4,423</b>	<b>55,985</b>	<b>36,925</b>	<b>4,493</b>	<b>41,418</b>
45. Electric power generating plants, including water conveying and controlling structures .....	16,689	780	17,469	20,378	779	21,157	5,779	852	6,631
46. Electric transformer stations .....	261	307	568	765	175	940	1,041	191	1,232
47. Power transmission and distribution lines, trolley wires .....	20,851	2,622	23,473	28,534	2,542	31,076	27,852	2,443	30,295
48. Street lighting .....	1,509	1,268	2,777	1,885	927	2,812	2,253	1,007	3,260
<b>Railway, telephone and telegraph .....</b>	<b>30,749</b>	<b>16,777</b>	<b>47,526</b>	<b>21,992</b>	<b>16,933</b>	<b>38,925</b>	<b>20,245</b>	<b>17,578</b>	<b>37,823</b>
49. Railway tracks and roadbed .....	16,742	13,364	30,106	11,120	13,214	24,334	11,853	13,722	25,575
50. Signals and interlockers .....	687	512	1,199	508	656	1,164	696	697	1,393
51. Telegraph and telephone lines, underground and marine cables	13,320	2,901	16,221	10,364	3,063	13,427	7,696	3,159	10,855
<b>Gas and oil facilities .....</b>	<b>36,758</b>	<b>3,876</b>	<b>40,634</b>	<b>49,902</b>	<b>3,828</b>	<b>53,730</b>	<b>67,038</b>	<b>3,884</b>	<b>70,922</b>
52. Gas mains and services .....	10,448	491	10,939	10,007	666	10,673	5,348	727	6,075
53. Pumping stations, oil .....	3	19	22	343	188	531	—	140	140
54. Pumping stations, gas .....	68	215	283	208	5	213	3,890	4	3,894
55. Oil storage tanks .....	6,521	197	6,718	4,373	300	4,673	3,966	326	4,292
56. Gas storage tanks .....	69	—	69	543	—	543	7	—	7
57. Oil pipe lines .....	3,956	257	4,213	7,599	353	7,952	3,028	273	3,301
58. Gas pipe lines .....	913	170	1,083	1,649	319	1,968	32,435	330	32,765
59. Oil wells .....	7,042	49	7,091	7,908	11	7,919	9,662	14	9,676
60. Gas wells .....	5,260	85	5,345	12,730	67	12,797	7,682	54	7,736
61. Oil refinery — processing units .....	2,461	2,135	4,596	4,542	1,919	6,461	1,020	2,016	3,036
62. Natural gas cleaning plants .....	17	258	275	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>37,709</b>	<b>5,338</b>	<b>43,047</b>	<b>47,256</b>	<b>7,658</b>	<b>54,914</b>	<b>36,821</b>	<b>7,396</b>	<b>44,217</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	29,091	3,123	32,214	41,318	3,425	44,743	30,793	3,033	33,826
64. Tunnels and subways .....	3,200	—	3,200	350	—	350	83	—	83
65. Inclinerators .....	50	2	52	6	10	16	14	9	23
66. Park systems, landscaping, sodding, etc. ....	419	150	569	434	254	688	287	259	546
67. Swimming pools, tennis courts, outdoor recreation facilities ....	645	39	684	888	393	1,281	546	386	932
68. Mine shafts and other below surface workings .....	1,442	66	1,508	1,920	51	1,971	3,228	47	3,275
69. Fences, snowsheds, signs, guard rails .....	716	1,279	1,995	596	945	1,541	573	989	1,562
70. Other engineering construction .....	2,146	679	2,825	1,744	2,580	4,324	1,297	2,673	3,970



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insurance

fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1961".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1958 of all the firms in each industry by the corresponding 1958 total for the firms reporting in the 1961 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1958 and 1961 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1960 preliminary actual figures and the 1961 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the



percentage change from 1960 to 1961 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1959 and 1960 were prepared by Central Mortgage and Housing Corporation. Appraisals of the probable volume of housing construction in 1961 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1961.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1959 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1959 to 1961. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1960 and 1961 an average annual earnings figure was computed from 1959, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



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# CONSTRUCTION IN CANADA

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# CONSTRUCTION IN CANADA

1960-62

## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1960 and 1961 and provides estimates of the intended program for 1962. The information given for 1961 is preliminary whereas that shown for 1960 and earlier years is final. The probable volume of construction that will be realized in 1962 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1962", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on labour content in terms of numbers of persons and value and cost of material used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's 1961 construction program reached \$7.0 billion, a 2.2 per cent increase from the previous year's level of \$6.9 billion. New construction increased 2.2 per cent from \$5,454 million in 1960 to \$5,573 million in 1961, while at the same time repair construction increased from \$1,432 million to \$1,466 million.

Building construction overall was slightly higher in 1961 but there were noticeable declines in factories, warehouses and stores. However, these were offset by increases in residential building, offices, schools and hospitals.

Engineering structures new and repair, at \$2,954 million were somewhat higher than 1960 but still below the level reached in 1957 and 1958. While there were substantially higher outlays for dams and reservoirs, electric power construction and gas and oil facilities, these were offset by declines in railway track and roadbed work and telephone and telegraph lines.

There was a slight rise in repair expenditures between the two years with most of it appearing in residential construction. Practically all types of buildings and structures continued to show repair work at about the same level as other years.

Year	Total new and repair construction	% change over previous year in	
		Value	Volume
1953 .....	4,828	8.6	4.6
1954 .....	4,842	0.3	0.0
1955 .....	5,308	9.6	7.0
1956 .....	6,454	21.6	15.8
1957 .....	7,023	8.8	5.1
1958 .....	7,092	1.0	1.0
1959 .....	7,077	- 0.2	- 3.5
1960 .....	6,886	- 2.7	- 4.4
1961 .....	7,039	2.2	2.7
1962 .....	7,382	4.9	



**VALUE OF CONSTRUCTION WORK PERFORMED**  
**TABLE 1. Current and Constant Dollars, 1953-62<sup>1</sup>**

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	millions of dollars							
1953 .....	3,756	4,174	1,070	1,223	4,826	5,397	19.3	19.6
1954 .....	3,737	4,149	1,105	1,244	4,842	5,393	19.5	20.2
1955 .....	4,167	4,510	1,141	1,259	5,308	5,769	19.6	19.9
1956 .....	5,272	5,444	1,182	1,236	6,454	6,680	21.1	21.2
1957 .....	5,785	5,785	1,238	1,238	7,023	7,023	22.0	22.0
1958 .....	5,831	5,866	1,261	1,230	7,092	7,096	21.6	22.0
1959 .....	5,710	5,558	1,367	1,290	7,077	6,848	20.3	20.2
1960 .....	5,454	5,249	1,432	1,301	6,886	6,550	21.4	19.3
1961 .....	5,573	5,407	1,466	1,323	7,039	6,730	19.1	19.5
1962 .....	5,862	—	1,521	—	7,382	—	—	—

<sup>1</sup> Actual 1953-60, preliminary 1961, intentions 1962.

**TABLE 2. By Contractors and Others, 1958-62**

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1958 .....	4,844	597	5,441	987	664	1,651	5,831	1,261	7,092
1959 .....	4,685	584	5,269	1,025	783	1,808	5,710	1,367	7,077
1960 .....	4,506	677	5,183	948	755	1,703	5,454	1,432	6,886
1961 .....	4,571	715	5,286	1,002	751	1,753	5,573	1,466	7,039
1962 .....	4,832	742	5,574	1,030	779	1,809	5,862	1,521	7,383

<sup>1</sup> Actual 1958-60, preliminary 1961, intentions 1962.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

**TABLE 3. By Principal Types of Construction, 1958-62**

	1958		1959		1960		1961		1962	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total construction .....</b>	<b>7,092</b>	<b>100.0</b>	<b>7,077</b>	<b>100.0</b>	<b>6,886</b>	<b>100.0</b>	<b>7,039</b>	<b>100.0</b>	<b>7,383</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>4,102</b>	<b>57.8</b>	<b>4,240</b>	<b>59.9</b>	<b>4,051</b>	<b>58.8</b>	<b>4,085</b>	<b>58.0</b>	<b>4,412</b>	<b>59.8</b>
Residential .....	2,189	30.9	2,183	30.9	1,913	27.8	1,951	27.7	2,046	27.7
Industrial .....	396	5.5	416	5.9	452	6.6	402	5.7	462	6.3
Commercial .....	689	9.7	759	10.7	738	10.7	757	10.8	759	10.3
Institutional .....	550	7.8	569	8.0	615	8.9	655	9.3	809	11.0
Other building .....	278	3.9	313	4.4	333	4.8	320	4.5	336	4.5
<b>Total engineering .....</b>	<b>2,990</b>	<b>42.2</b>	<b>2,837</b>	<b>40.1</b>	<b>2,835</b>	<b>41.2</b>	<b>2,954</b>	<b>42.0</b>	<b>2,971</b>	<b>40.2</b>
Marine construction .....	155	2.2	134	1.9	119	1.7	117	1.7	105	1.4
Road highway and aerodrome construction .....	712	10.0	791	11.1	830	12.1	830	11.8	868	11.8
Waterworks and sewage systems .....	198	2.8	226	3.2	233	3.4	228	3.2	281	3.8
Dams and irrigation .....	50	0.7	60	0.8	92	1.3	107	1.5	137	1.8
Electric Power construction .....	501	7.1	395	5.6	349	5.1	408	5.8	422	5.7
Railway, telephone and telegraph construction .....	401	5.7	458	6.5	452	6.6	381	5.4	400	5.4
Gas and oil facilities .....	650	9.2	464	6.6	454	6.6	566	8.1	428	5.8
Other engineering construction .....	323	4.5	309	4.4	306	4.4	317	4.5	330	4.5

<sup>1</sup> Actual 1958-60, preliminary 1961, intentions 1962.

**TABLE 4. By Principal Types of Construction for Industry and Sector**

	1960			1961			1962		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Totals .....</b>	<b>4,051,104</b>	<b>2,835,151</b>	<b>6,886,255</b>	<b>4,085,271</b>	<b>2,954,023</b>	<b>7,039,294</b>	<b>4,411,534</b>	<b>2,971,079</b>	<b>7,382,613</b>
Agriculture and fishing .....	164,249	19,118	183,367	166,645	19,125	185,770	168,752	19,375	188,127
Forestry .....	9,603	36,115	45,718	6,223	36,895	43,118	7,462	38,468	45,930
Mining, quarrying and oil wells .....	63,251	266,753	330,004	74,496	324,459	398,955	88,407	272,219	360,626
Construction .....	16,097	1,934	18,031	16,389	1,962	18,351	16,683	1,994	18,677
Manufacturing .....	354,825	106,323	461,148	294,322	93,890	388,212	337,089	105,020	442,109
Utilities .....	150,133	1,192,836	1,342,969	133,458	1,245,329	1,378,787	132,565	1,247,309	1,379,874
Trade-Wholesale and retail .....	186,508	18,358	204,866	171,786	11,927	183,713	180,449	11,170	191,619
Finance, insurance and real estate .....	253,330	5,608	258,938	276,122	6,440	282,562	245,098	6,491	251,589
Commercial services .....	69,313	1,784	71,097	64,464	2,127	66,591	66,279	659	66,938
Housing .....	1,913,100	—	1,913,100	1,951,000	—	1,951,000	2,046,000	—	2,046,000
Institutional services .....	556,909	2,639	559,548	596,542	3,048	599,590	760,119	4,202	764,321
Government departments .....	313,786	1,183,683	1,497,469	333,824	1,208,821	1,542,645	362,631	1,264,172	1,626,803

**TABLE 5. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1960 to 1961						Change 1961 to 1962					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>34</b>	<b>0.8</b>	<b>119</b>	<b>4.2</b>	<b>153</b>	<b>2.2</b>	<b>326</b>	<b>8.0</b>	<b>17</b>	<b>0.6</b>	<b>343</b>	<b>4.4</b>
Agriculture and fishing .....	2	1.5	—	—	2	1.3	2	1.3	—	1.3	2	1.1
Forestry .....	- 3	- 35.2	1	2.2	- 3	- 5.7	1	19.9	2	4.3	3	6.1
Mining, quarrying and oil wells .....	11	17.8	58	21.6	69	20.9	14	18.7	- 52	- 16.1	- 38	- 9.5
Construction .....	—	1.8	—	1.4	—	1.8	—	1.8	—	1.6	—	1.1
Manufacturing .....	- 61	- 17.1	- 12	- 11.7	- 73	- 15.8	43	14.5	11	11.9	54	13.1
Utilities .....	- 17	- 11.1	52	4.4	36	2.7	- 1	- 0.7	2	0.2	1	0.1
Trade-Wholesale and retail .....	- 15	- 7.9	- 6	- 35.0	- 21	- 10.3	9	5.0	- 1	- 6.3	8	4.1
Finance, insurance and real estate .....	23	9.0	1	14.8	24	9.1	- 31	- 11.2	—	0.8	- 31	- 11.1
Commercial services .....	- 5	- 7.0	—	19.2	- 5	- 6.3	2	2.8	- 1	- 69.0	—	0.1
Housing .....	38	2.0	—	—	38	2.0	95	4.9	—	—	95	4.1
Institutional services .....	40	7.1	—	15.5	40	7.2	164	27.4	1	37.9	165	27.1
Government departments .....	20	6.4	25	2.1	45	3.0	29	8.6	55	4.6	84	5.1



TABLE 6. By Type of Structure, Total, 1958 - 62<sup>1</sup>

Type of structure	1958	1959	1960	1961	1962
thousands of dollars					
<b>Total value of construction .....</b>	<b>7,092,481</b>	<b>7,077,383</b>	<b>6,386,255</b>	<b>7,039,294</b>	<b>7,382,613</b>
<b>Total building construction .....</b>	<b>4,101,751</b>	<b>4,240,059</b>	<b>4,051,104</b>	<b>4,085,271</b>	<b>4,411,534</b>
<b>Residential .....</b>	<b>2,189,000</b>	<b>2,183,006</b>	<b>1,913,100</b>	<b>1,951,000</b>	<b>2,046,000</b>
<b>Industrial .....</b>	<b>395,503</b>	<b>415,814</b>	<b>451,568</b>	<b>402,505</b>	<b>461,352</b>
2. Factories, plants, workshops, food canneries .....	317,550	344,692	365,607	310,094	358,821
3. Mine and mine mill buildings .....	35,746	30,071	45,891	56,900	67,037
4. Railway stations, offices, roadway buildings .....	24,599	25,650	23,114	21,973	22,220
5. Railway shops, engine houses, water and fuel stations .....	17,608	15,401	16,956	13,538	13,274
<b>Commercial .....</b>	<b>688,763</b>	<b>759,065</b>	<b>738,127</b>	<b>756,896</b>	<b>758,582</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	73,920	80,951	82,131	70,827	63,244
7. Grain elevators .....	25,915	27,329	20,901	25,167	25,774
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	50,413	61,122	48,449	43,976	48,882
9. Office buildings .....	263,742	287,136	309,942	356,220	347,124
10. Stores, retail and wholesale .....	197,395	195,063	187,987	160,165	183,079
11. Garages and service stations .....	47,908	53,466	55,223	58,491	46,977
12. Theatres, arenas, amusement and recreational buildings .....	24,091	52,076	31,868	39,448	41,946
13. Laundries and dry cleaning establishments .....	5,379	1,922	1,626	2,602	1,556
<b>Institutional .....</b>	<b>550,034</b>	<b>569,109</b>	<b>615,188</b>	<b>654,847</b>	<b>809,256</b>
14. Schools and other educational buildings .....	306,130	307,661	346,599	359,406	480,520
15. Churches and other religious buildings .....	53,076	64,421	70,037	65,694	70,385
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	156,891	153,057	153,707	182,240	211,246
17. Other institutional buildings .....	33,937	43,970	44,845	47,507	47,105
<b>Other building construction .....</b>	<b>278,451</b>	<b>313,071</b>	<b>333,121</b>	<b>320,023</b>	<b>336,344</b>
18. Farm buildings (excluding dwellings) .....	161,706	172,359	168,215	169,164	170,901
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	41,018	41,973	60,749	48,599	47,224
20. Aeroplane hangars .....	6,012	26,352	17,436	13,676	13,346
21. Passenger terminals, bus, boat or air .....	12,220	11,476	26,181	29,921	32,416
22. Armouries, barracks, drill halls, etc. ....	24,113	22,176	20,846	22,984	26,086
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	16,700	21,454	21,280	14,608	26,380
24. Other building construction .....	16,682	17,281	18,414	21,071	19,991
<b>Total engineering construction .....</b>	<b>2,990,730</b>	<b>2,837,324</b>	<b>2,835,151</b>	<b>2,954,023</b>	<b>2,971,079</b>
<b>Marine construction .....</b>	<b>155,032</b>	<b>134,460</b>	<b>119,032</b>	<b>117,241</b>	<b>105,344</b>
25. Docks, wharves, piers, breakwaters .....	60,818	61,675	71,540	80,924	76,211
26. Retaining walls, embankments, riprapping .....	2,419	2,980	4,263	3,572	4,384
27. Canals and waterways .....	36,357	4,384	6,711	4,518	3,884
28. Dredging and pile driving .....	49,068	51,390	31,590	23,199	17,975
29. Dyke construction .....	1,496	3,224	294	289	56
30. Logging booms .....	1,101	1,452	1,246	1,088	1,006
31. Other marine construction .....	3,773	9,355	3,388	3,651	1,798

<sup>1</sup> Actual 1958-60, preliminary 1961, intentions 1962.



TABLE 6. By Type of Structure, Total, 1958-62<sup>1</sup> - Concluded

Type of structure	1958	1959	1960	1961	1962
	thousands of dollars				
<b>Road, highway and aerodrome construction</b> .....	<b>711,854</b>	<b>791,059</b>	<b>830,359</b>	<b>829,997</b>	<b>867,8</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	424,700	398,241	457,143	469,792	498,8
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	169,653	253,712	241,832	243,132	237,
34. Dirt, clay or other streets, roads, parking lots, etc. ....	47,925	48,958	50,608	41,215	43,5
35. Grading, scraping, oiling, filling .....	19,924	30,001	26,345	22,403	31,9
36. Sidewalks, paths .....	19,563	18,502	24,075	20,963	20,5
37. Aerodromes, landing fields, runways, tarmac .....	30,089	41,645	30,356	32,492	35,0
 <b>Waterworks and sewage systems</b> .....	 <b>197,546</b>	 <b>225,707</b>	 <b>232,783</b>	 <b>227,711</b>	 <b>280,6</b>
38. Tile drains, drainage ditches, storm sewers .....	21,401	13,929	21,122	21,319	22,1
39. Water mains, hydrants and services .....	72,320	83,136	78,277	73,497	86,5
40. Sewage systems and connections .....	91,239	112,674	113,367	114,812	147,1
41. Pumping stations, water .....	6,976	13,883	17,254	15,273	15,0
42. Water storage tanks .....	5,610	2,085	2,763	2,810	9,6
 <b>Dams and irrigation</b> .....	 <b>50,169</b>	 <b>60,011</b>	 <b>91,743</b>	 <b>106,787</b>	 <b>136,7</b>
43. Dams and reservoirs .....	35,693	45,693	76,295	90,048	118,5
44. Irrigation and land reclamation projects .....	14,476	14,318	15,448	16,739	18,1
 <b>Electric power construction</b> .....	 <b>501,216</b>	 <b>394,829</b>	 <b>348,877</b>	 <b>408,122</b>	 <b>422,3</b>
45. Electric power generating plants, including water conveying and con- trolling structures .....	229,925	161,752	128,977	166,744	156,2
46. Electric transformer stations .....	53,462	45,848	43,556	49,147	58,1
47. Power transmission and distribution lines, trolley wires .....	204,345	171,652	159,678	173,300	190,0
48. Street lighting .....	13,484	15,577	16,666	18,931	17,8
 <b>Railway, telephone and telegraph</b> .....	 <b>401,400</b>	 <b>457,825</b>	 <b>451,561</b>	 <b>380,965</b>	 <b>400,0</b>
49. Railway tracks and roadbed .....	259,858	282,338	269,070	221,756	223,0
50. Signals and interlockers .....	6,602	12,839	13,696	12,281	13,3
51. Telegraph and telephone lines, underground and marine cables .....	134,940	162,648	168,795	146,928	163,6
 <b>Gas and oil facilities</b> .....	 <b>650,524</b>	 <b>464,134</b>	 <b>454,372</b>	 <b>563,893</b>	 <b>428,4</b>
52. Gas mains and services .....	62,947	78,710	60,764	54,780	56,4
53. Pumping stations, oil .....	5,103	3,268	3,992	4,388	4,2
54. Pumping stations, gas .....	24,941	15,869	27,370	15,833	25,4
55. Oil storage tanks .....	21,959	23,618	22,686	13,349	12,9
56. Gas storage tanks .....	3,465	1,667	8,869	11,245	10,5
57. Oil pipe lines .....	19,332	18,650	16,517	43,673	10,9
58. Gas pipe lines .....	209,115	38,148	52,807	107,717	29,2
59. Oil wells .....	128,033	134,963	141,163	128,438	130,4
60. Gas wells .....	29,043	31,805	34,687	48,626	46,2
61. Oil refinery - processing units .....	111,269	92,665	64,383	59,953	79,8
62. Natural gas cleaning plants .....	35,317	24,771	21,134	77,891	22,3
 <b>Other engineering construction</b> .....	 <b>322,989</b>	 <b>309,299</b>	 <b>306,424</b>	 <b>317,307</b>	 <b>329,7</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	187,640	183,110	196,396	200,853	193,8
64. Tunnels and subways .....	37,110	26,829	21,740	23,167	35,1
65. Incinerators .....	1,870	2,949	3,491	1,998	1,5
66. Park systems, landscaping, sodding, etc. ....	9,054	9,100	8,786	9,317	9,9
67. Swimming pools, tennis courts, outdoor recreation facilities .....	3,338	5,139	3,632	7,012	8,9
68. Mine shafts and other below surface workings .....	35,858	33,437	29,397	29,140	33,0
69. Fences, snowsheds, signs, guard rails .....	16,885	20,058	19,172	17,165	17,6
70. Other engineering construction .....	31,234	28,677	23,810	28,655	29,7

<sup>1</sup> Actual 1958-60, preliminary 1961, intentions 1962.

LABOUR CONTENT AND COST OF MATERIALS USED, 1958-62<sup>1</sup>  
TABLE 7. By Provinces

Province	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Canada:				
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	571,912	2,378,214	3,367,254	7,077,383
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	542,725	2,387,533	3,315,850	7,039,294
1962 .....	570,342	2,509,903	3,498,944	7,382,613
Newfoundland:				
1958 .....	9,226	30,999	41,504	95,682
1959 .....	11,382	38,881	43,363	105,065
1960 .....	11,817	47,882	64,053	138,508
1961 .....	13,845	56,234	75,685	163,179
1962 .....	15,411	62,988	84,909	181,938
Prince Edward Island:				
1958 .....	2,070	5,842	9,664	20,498
1959 .....	2,845	7,715	15,647	29,355
1960 .....	2,734	7,930	15,459	30,223
1961 .....	2,796	8,268	16,163	30,583
1962 .....	2,813	8,317	16,260	30,586
Nova Scotia:				
1958 .....	19,446	57,766	72,854	159,690
1959 .....	22,994	73,232	96,223	209,163
1960 .....	22,937	75,163	102,521	220,062
1961 .....	22,157	73,566	100,502	215,519
1962 .....	23,807	79,306	109,209	234,045
New Brunswick:				
1958 .....	16,644	53,135	87,468	165,880
1959 .....	16,421	57,030	86,020	175,003
1960 .....	16,660	54,925	72,880	156,308
1961 .....	15,834	52,636	70,767	150,280
1962 .....	16,259	54,135	72,402	152,796
Quebec:				
1958 .....	144,405	537,707	890,149	1,732,647
1959 .....	142,154	567,179	894,940	1,772,322
1960 .....	129,350	543,343	804,971	1,654,161
1961 .....	131,381	557,136	830,917	1,690,904
1962 .....	140,871	598,747	893,632	1,821,187
Ontario:				
1958 .....	214,006	896,629	1,203,999	2,598,625
1959 .....	195,433	844,800	1,130,533	2,392,095
1960 .....	185,694	840,649	1,103,616	2,332,900
1961 .....	183,255	846,519	1,104,688	2,339,923
1962 .....	199,245	923,261	1,215,141	2,565,358
Manitoba:				
1958 .....	29,495	112,424	163,746	345,293
1959 .....	32,211	127,322	201,946	397,769
1960 .....	31,101	131,066	196,577	396,598
1961 .....	29,795	128,467	188,399	382,282
1962 .....	31,703	136,053	197,270	405,974

<sup>1</sup> Actual 1958-60, preliminary 1961, intentions 1962.

TABLE 7. By Provinces - Concluded

Province	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1958 .....	28,959	114,656	192,193	383,344
1959 .....	29,186	116,681	171,020	357,717
1960 .....	29,235	116,442	187,463	378,935
1961 .....	29,783	121,950	196,831	398,464
1962 .....	30,582	125,112	198,751	402,233
Alberta:				
1958 .....	57,141	229,400	355,157	787,336
1959 .....	58,931	248,251	367,511	818,597
1960 .....	57,070	244,218	370,242	815,793
1961 .....	59,086	259,242	391,956	886,693
1962 .....	54,637	237,196	366,982	802,148
British Columbia:				
1958 .....	60,600	276,877	356,093	803,486
1959 .....	60,355	297,123	360,051	820,297
1960 .....	54,593	275,273	333,840	762,767
1961 .....	54,793	283,515	339,942	781,467
1962 .....	55,014	284,788	344,388	786,348

TABLE 8. By Contractors and Others

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Total:				
1958 .....	581,992	2,315,435	3,372,827	7,092,481
1959 .....	571,912	2,378,214	3,367,284	7,077,383
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	542,725	2,387,533	3,315,850	7,039,294
1962 .....	570,342	2,509,903	3,498,944	7,382,613
Contractors:				
1958 .....	393,854	1,655,812	2,606,012	5,441,352
1959 .....	383,825	1,650,000	2,531,105	5,269,521
1960 .....	359,711	1,611,273	2,503,376	5,182,772
1961 .....	360,904	1,642,104	2,544,100	5,285,684
1962 .....	382,898	1,741,123	2,702,768	5,574,418
Utilities:				
1958 .....	72,694	284,921	411,438	774,336
1959 .....	66,564	303,082	395,103	779,355
1960 .....	66,235	311,988	379,532	749,932
1961 .....	67,954	328,684	397,434	786,993
1962 .....	70,511	340,190	412,226	815,872
Governments:				
1958 .....	65,806	200,102	113,079	398,070
1959 .....	63,339	203,585	140,417	432,582
1960 .....	74,509	244,938	171,041	528,031
1961 .....	73,655	246,276	170,968	529,399
1962 .....	74,989	250,731	173,415	538,889
Others:				
1958 .....	49,638	174,600	242,298	478,723
1959 .....	58,184	221,547	300,629	595,925
1960 .....	40,736	168,692	197,673	425,520
1961 .....	40,212	170,469	203,348	437,218
1962 .....	41,944	177,859	210,535	453,434



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA, 1960-62<sup>1</sup>

TABLE 9. By Type of Structure, New and Repair

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5,453,732</b>	<b>1,432,523</b>	<b>6,886,255</b>	<b>5,572,991</b>	<b>1,466,303</b>	<b>7,039,294</b>	<b>5,861,990</b>	<b>1,520,623</b>	<b>7,382,613</b>
<b>Total building construction .....</b>	<b>3,185,494</b>	<b>865,610</b>	<b>4,051,104</b>	<b>3,207,367</b>	<b>877,904</b>	<b>4,085,271</b>	<b>3,503,624</b>	<b>907,910</b>	<b>4,411,534</b>
<b>Residential .....</b>	<b>1,456,100</b>	<b>457,000</b>	<b>1,913,100</b>	<b>1,467,000</b>	<b>484,000</b>	<b>1,951,000</b>	<b>1,533,000</b>	<b>513,000</b>	<b>2,046,000</b>
<b>Industrial .....</b>	<b>331,319</b>	<b>120,249</b>	<b>451,568</b>	<b>290,041</b>	<b>112,464</b>	<b>402,505</b>	<b>345,394</b>	<b>115,958</b>	<b>461,352</b>
2. Factories, plants, workshops, food canneries .....	271,727	93,880	365,607	224,643	85,451	310,094	271,115	87,706	358,821
3. Mine and mine mill buildings .....	37,925	7,966	45,891	48,573	8,327	56,900	59,210	7,827	67,037
4. Railway stations, offices, roadway buildings .....	12,112	11,002	23,114	10,488	11,485	21,973	9,408	12,812	22,220
5. Railway shops, engine houses, water and fuel stations .....	9,555	7,401	16,956	6,337	7,201	13,538	5,661	7,613	13,274
<b>Commercial .....</b>	<b>620,577</b>	<b>117,550</b>	<b>738,127</b>	<b>645,354</b>	<b>111,542</b>	<b>756,896</b>	<b>652,476</b>	<b>106,106</b>	<b>758,582</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	68,472	13,659	82,131	57,964	12,863	70,827	50,493	12,751	63,244
7. Grain elevators .....	13,339	7,562	20,901	18,469	6,698	25,167	20,243	5,531	25,774
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	37,735	10,714	48,449	31,650	12,326	43,976	39,024	9,858	48,882
9. Office buildings .....	266,793	43,149	309,942	318,897	37,323	356,220	309,104	38,020	347,124
10. Stores, retail and wholesale .....	160,848	27,139	187,987	137,847	22,318	160,165	159,844	23,235	183,079
11. Garages and service stations .....	45,039	10,184	55,223	44,565	13,926	58,491	36,176	10,801	46,977
12. Theatres, arenas, amusement and recreational buildings .....	27,562	4,306	31,868	34,221	5,227	39,448	36,892	5,054	41,946
13. Laundries and dry cleaning establishments .....	789	837	1,626	1,741	861	2,602	700	856	1,556
<b>Institutional .....</b>	<b>543,146</b>	<b>72,042</b>	<b>615,188</b>	<b>583,688</b>	<b>71,159</b>	<b>654,847</b>	<b>737,100</b>	<b>72,156</b>	<b>809,256</b>
14. Schools and other educational buildings ..	310,831	35,768	346,599	321,345	38,061	359,406	440,702	39,818	480,520
15. Churches and other religious buildings ....	60,858	9,179	70,037	56,649	9,045	65,694	63,219	7,166	70,385
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	137,199	16,508	153,707	163,167	19,073	182,240	190,615	20,631	211,246
17. Other institutional buildings .....	34,258	10,587	44,845	42,527	4,980	47,507	42,564	4,541	47,105
<b>Other building construction .....</b>	<b>234,352</b>	<b>98,769</b>	<b>333,121</b>	<b>221,284</b>	<b>98,739</b>	<b>320,023</b>	<b>235,654</b>	<b>100,690</b>	<b>336,344</b>
18. Farm buildings (excluding dwellings) .....	98,856	69,359	168,215	98,755	70,409	169,164	99,645	71,256	170,901
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	58,376	2,373	60,749	46,144	2,455	48,599	44,555	2,669	47,224
20. Aeroplane hangars .....	14,710	2,726	17,436	10,800	2,876	13,676	10,348	2,998	13,346
21. Passenger terminals, bus, boat or air .....	25,146	1,035	26,181	29,596	325	29,921	32,066	350	32,416
22. Armouries, barracks, drill halls, etc. ....	5,986	14,860	20,846	7,894	15,090	22,984	9,858	16,228	26,086
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	17,005	4,275	21,280	11,179	3,429	14,608	23,185	3,195	26,380
24. Other building construction .....	14,273	4,141	18,414	16,916	4,155	21,071	15,997	3,994	19,991
<b>Total engineering construction .....</b>	<b>2,268,238</b>	<b>566,913</b>	<b>2,835,151</b>	<b>2,365,624</b>	<b>588,399</b>	<b>2,954,023</b>	<b>2,358,366</b>	<b>612,713</b>	<b>2,971,079</b>
<b>Marine construction .....</b>	<b>100,503</b>	<b>18,529</b>	<b>119,032</b>	<b>101,058</b>	<b>16,183</b>	<b>117,241</b>	<b>88,395</b>	<b>16,949</b>	<b>105,344</b>
25. Docks, wharves, piers, breakwaters .....	62,713	8,827	71,540	72,693	8,231	80,924	67,553	8,658	76,211
26. Retaining walls, embankments, riprapping .....	3,957	306	4,263	3,203	369	3,572	4,014	370	4,384
27. Canals and waterways .....	5,182	1,529	6,711	3,052	1,466	4,518	2,131	1,753	3,884
28. Dredging and pile driving .....	26,143	5,447	31,590	18,297	4,902	23,199	12,988	4,987	17,975
29. Dyke construction .....	249	45	294	261	28	289	66	20	86
30. Logging booms .....	388	858	1,246	375	713	1,088	171	835	1,006
31. Other marine construction .....	1,871	1,517	3,388	3,177	474	3,651	1,472	326	1,798

<sup>1</sup> Actual 1960, preliminary 1961, intentions 1962.

TABLE 9. By Type of Structure, New and Repair - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>630,920</b>	<b>199,439</b>	<b>830,359</b>	<b>619,488</b>	<b>210,509</b>	<b>829,997</b>	<b>655,642</b>	<b>212,233</b>	<b>867,875</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	370,321	86,822	457,143	376,215	93,577	469,792	403,022	95,798	498,820
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	159,390	82,442	241,832	150,981	92,151	243,132	146,663	91,206	237,869
34. Dirt, clay or other streets, roads, parking lots, etc. ....	30,865	19,743	50,608	26,773	14,442	41,215	28,900	14,623	43,523
35. Grading, scraping, oiling, filling.....	23,671	2,674	26,345	18,984	3,419	22,403	28,594	3,392	31,986
36. Sidewalks, paths .....	18,575	5,500	24,075	16,365	4,598	20,963	15,864	4,721	20,585
37. Aerodromes, landing fields, runways, tarmac .....	28,098	2,258	30,356	30,170	2,322	32,492	32,599	2,493	35,092
<b>Waterworks and sewage systems .....</b>	<b>192,899</b>	<b>39,884</b>	<b>232,783</b>	<b>189,196</b>	<b>38,515</b>	<b>227,711</b>	<b>236,946</b>	<b>43,701</b>	<b>280,647</b>
38. Tile drains, drainage ditches, storm sewers .....	12,132	8,990	21,122	12,054	9,265	21,319	12,891	9,282	22,173
39. Water mains, hydrants and services .....	61,202	17,075	78,277	57,036	16,461	73,497	67,486	19,087	86,573
40. Sewage systems and connections .....	103,454	9,913	113,367	105,903	8,909	114,812	138,626	8,511	147,137
41. Pumping stations, water .....	13,595	3,659	17,254	11,900	3,373	15,273	11,800	3,266	15,066
42. Water storage tanks .....	2,516	247	2,763	2,303	507	2,810	6,143	3,555	9,698
<b>Dams and irrigation .....</b>	<b>82,434</b>	<b>9,309</b>	<b>91,743</b>	<b>97,563</b>	<b>9,224</b>	<b>106,787</b>	<b>127,347</b>	<b>9,366</b>	<b>136,713</b>
43. Dams and reservoirs .....	72,729	3,566	76,295	86,465	3,583	90,048	114,967	3,632	118,599
44. Irrigation and land reclamation projects.....	9,705	5,743	15,448	11,098	5,641	16,739	12,380	5,734	18,114
<b>Electric power construction .....</b>	<b>298,618</b>	<b>50,259</b>	<b>348,877</b>	<b>349,117</b>	<b>59,005</b>	<b>408,122</b>	<b>364,317</b>	<b>58,025</b>	<b>422,342</b>
45. Electric power generating plants, including, water conveying and controlling structures.....	116,971	12,006	128,977	153,733	13,011	166,744	144,898	11,314	156,212
46. Electric transformer stations.....	36,109	7,447	43,556	40,783	8,364	49,147	50,072	8,122	58,194
47. Power transmission and distribution lines, trolley wires .....	133,415	26,263	159,678	141,669	31,631	173,300	157,553	32,491	190,044
48. Street lighting.....	12,123	4,543	16,666	12,932	5,999	18,931	11,794	6,098	17,892
<b>Railway, telephone and telegraph .....</b>	<b>299,146</b>	<b>152,415</b>	<b>451,561</b>	<b>224,930</b>	<b>156,035</b>	<b>380,965</b>	<b>229,296</b>	<b>170,736</b>	<b>400,032</b>
49. Railway tracks and roadbed .....	163,198	105,872	269,070	110,137	111,619	221,756	99,151	123,906	223,057
50. Signals and interlockers .....	7,080	6,616	13,696	4,855	7,426	12,281	5,147	8,206	13,353
51. Telegraph and telephone lines, underground and marine cables .....	128,868	39,927	168,795	109,938	36,990	146,928	124,998	38,624	163,622
<b>Gas and oil facilities.....</b>	<b>409,302</b>	<b>45,070</b>	<b>454,372</b>	<b>518,821</b>	<b>47,072</b>	<b>565,893</b>	<b>379,085</b>	<b>49,328</b>	<b>428,413</b>
52. Gas mains and services .....	54,794	5,970	60,764	49,317	5,463	54,780	50,651	5,779	56,430
53. Pumping stations, oil .....	3,075	917	3,992	3,390	998	4,388	3,220	1,037	4,257
54. Pumping stations, gas.....	27,316	54	27,370	15,742	91	15,833	25,267	154	25,421
55. Oil storage tanks .....	20,045	2,641	22,686	11,440	1,909	13,349	11,089	1,826	12,915
56. Gas storage tanks .....	8,752	117	8,869	11,092	153	11,245	10,412	102	10,514
57. Oil pipe lines.....	15,010	1,507	16,517	41,982	1,691	43,673	8,748	2,050	10,798
58. Gas pipe lines .....	51,728	1,079	52,807	106,903	814	107,717	28,237	988	29,225
59. Oil wells .....	135,426	5,737	141,163	122,798	5,640	128,438	124,777	5,641	130,418
60. Gas wells .....	33,919	768	34,687	47,095	1,531	48,626	44,651	1,643	46,294
61. Oil refinery - processing units.....	39,416	24,967	64,383	33,418	26,535	59,953	52,230	27,600	79,830
62. Natural gas cleaning plants.....	19,821	1,313	21,134	75,644	2,247	77,891	19,803	2,508	22,311
<b>Other engineering construction.....</b>	<b>254,416</b>	<b>52,008</b>	<b>306,424</b>	<b>265,451</b>	<b>51,856</b>	<b>317,307</b>	<b>277,338</b>	<b>52,375</b>	<b>329,713</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	170,738	25,658	196,396	175,237	25,616	200,853	167,826	26,003	193,829
64. Tunnels and subways .....	21,591	149	21,740	22,608	559	23,167	34,412	688	35,100
65. Incinerators.....	1,981	1,510	3,491	1,552	446	1,998	1,078	437	1,515
66. Park systems, landscaping, sodding, etc.....	5,068	3,718	8,786	5,912	3,405	9,317	6,352	3,556	9,908
67. Swimming pools, tennis courts, outdoor recreation facilities ....	2,587	1,045	3,632	5,352	1,660	7,012	7,050	1,875	8,925
68. Mine shafts and other below surface working .....	26,242	3,155	29,397	24,916	4,224	29,140	29,046	4,031	33,077
69. Fences, snowsheds, signs, guard rails .....	10,743	8,429	19,172	9,494	7,671	17,165	9,609	8,037	17,646
70. Other engineering construction .....	15,466	8,344	23,810	20,380	8,275	28,655	21,965	7,748	29,713



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR, 1960-62<sup>1</sup>

TABLE 10. Primary Industries<sup>2</sup>

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>450,831</b>	<b>126,289</b>	<b>577,120</b>	<b>519,166</b>	<b>127,028</b>	<b>646,194</b>	<b>486,302</b>	<b>127,058</b>	<b>613,360</b>
<b>Total building construction .....</b>	<b>167,739</b>	<b>85,461</b>	<b>253,200</b>	<b>177,534</b>	<b>86,219</b>	<b>263,753</b>	<b>194,497</b>	<b>86,807</b>	<b>281,304</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>46,391</b>	<b>10,075</b>	<b>56,466</b>	<b>55,557</b>	<b>10,641</b>	<b>66,198</b>	<b>67,388</b>	<b>9,672</b>	<b>77,060</b>
2. Factories, plants, workshops, food canneries .....	8,740	2,133	10,873	6,974	2,332	9,306	8,011	2,001	10,012
3. Mine and mine mill buildings .....	37,450	7,933	45,383	47,983	8,302	56,285	58,580	7,665	66,245
4. Railway stations, offices, roadway buildings .....	201	9	210	136	7	143	4	6	10
5. Railway shops, engine houses, water and fuel stations .....	-	-	-	464	-	464	793	-	793
<b>Commercial .....</b>	<b>16,475</b>	<b>2,581</b>	<b>19,056</b>	<b>14,430</b>	<b>2,455</b>	<b>16,885</b>	<b>16,463</b>	<b>3,412</b>	<b>19,875</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,536	1,079	6,615	3,603	1,046	4,649	3,054	1,069	4,123
7. Grain elevators .....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,480	43	1,523	1,759	49	1,808	2,428	215	2,643
9. Office buildings .....	7,370	1,095	8,465	8,010	1,101	9,111	9,099	1,867	10,966
10. Stores, retail and wholesale .....	60	6	66	24	6	30	443	6	449
11. Garages and service stations .....	914	257	1,171	623	223	846	582	220	802
12. Theatres, arenas, amusement and recreational buildings .....	1,105	99	1,204	405	28	433	857	20	877
13. Laundries and dry cleaning establishments .....	10	2	12	6	2	8	-	15	15
<b>Institutional .....</b>	<b>1,585</b>	<b>202</b>	<b>1,787</b>	<b>1,941</b>	<b>35</b>	<b>1,976</b>	<b>1,886</b>	<b>37</b>	<b>1,923</b>
14. Schools and other educational buildings .....	856	21	877	1,423	6	1,429	1,340	5	1,345
15. Churches and other religious buildings .....	-	-	-	-	1	1	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	729	181	910	518	28	546	546	32	578
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>103,288</b>	<b>72,603</b>	<b>175,891</b>	<b>105,606</b>	<b>73,088</b>	<b>178,694</b>	<b>108,760</b>	<b>73,686</b>	<b>182,446</b>
18. Farm buildings (excluding dwellings) .....	94,739	68,886	163,625	96,236	69,976	166,212	97,452	70,856	168,308
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	50	68	118	31	41	72	45	42	87
20. Aeroplane hangars .....	1	4	5	-	1	1	493	1	494
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	4	20	24
22. Armouries, barracks, drill halls, etc. ....	-	-	-	1,859	-	1,859	3,421	-	3,421
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	7,976	3,613	11,589	6,961	3,016	9,977	6,872	2,729	9,601
24. Other building construction .....	522	32	554	519	54	573	473	38	511
<b>Total engineering construction .....</b>	<b>283,092</b>	<b>40,828</b>	<b>323,920</b>	<b>341,632</b>	<b>40,809</b>	<b>382,441</b>	<b>291,805</b>	<b>40,251</b>	<b>332,056</b>
<b>Marine construction .....</b>	<b>4,201</b>	<b>3,987</b>	<b>8,188</b>	<b>13,405</b>	<b>3,406</b>	<b>16,811</b>	<b>21,092</b>	<b>3,140</b>	<b>24,232</b>
25. Docks, wharves, piers, breakwaters .....	1,345	1,643	2,988	10,936	1,965	12,901	18,246	2,015	20,261
26. Retaining walls, embankments, riprapping .....	9	31	40	221	28	249	155	30	185
27. Canals and waterways .....	31	131	162	234	21	255	53	22	75
28. Dredging and pile driving .....	2,177	1,084	3,261	1,265	609	1,874	2,294	301	2,595
29. Dyke construction .....	10	8	18	238	-	238	45	-	45
30. Logging booms .....	330	708	1,038	272	527	799	137	641	778
31. Other marine-construction .....	299	382	681	239	256	495	162	131	293

See footnotes at end of table.



TABLE 10. Primary Industries<sup>2</sup> - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>23,849</b>	<b>11,872</b>	<b>35,721</b>	<b>24,002</b>	<b>11,303</b>	<b>35,305</b>	<b>23,656</b>	<b>11,635</b>	<b>35,291</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	698	175	873	2,252	328	2,580	1,732	517	2,249
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,739	4,129	10,868	7,648	5,256	12,904	6,504	5,181	11,685
34. Dirt, clay or other streets, roads, parking lots, etc. ....	15,917	7,374	23,291	12,258	5,355	17,613	13,694	5,627	19,321
35. Grading, scraping, oiling, filling .....	254	163	417	1,728	331	2,059	1,503	291	1,794
36. Sidewalks, paths .....	9	4	13	47	—	47	65	—	65
37. Aerodromes, landing fields, runways, tarmac .....	232	27	259	69	33	102	158	19	177
<b>Waterworks and sewage systems .....</b>	<b>8,629</b>	<b>525</b>	<b>9,154</b>	<b>4,337</b>	<b>508</b>	<b>4,845</b>	<b>3,252</b>	<b>445</b>	<b>3,697</b>
38. Tile drains, drainage ditches, storm sewers .....	300	28	328	78	6	84	136	6	142
39. Water mains, hydrants and services .....	3,692	259	3,951	2,381	297	2,678	1,308	276	1,584
40. Sewage systems and connections .....	1,821	118	1,939	1,395	123	1,518	1,378	92	1,470
41. Pumping stations, water .....	2,546	78	2,624	359	72	431	414	63	477
42. Water storage tanks .....	270	42	312	124	10	134	16	8	24
<b>Dams and irrigation .....</b>	<b>5,929</b>	<b>4,142</b>	<b>10,071</b>	<b>6,705</b>	<b>4,200</b>	<b>10,905</b>	<b>6,802</b>	<b>4,230</b>	<b>11,032</b>
43. Dams and reservoirs .....	666	315	981	1,356	313	1,669	1,387	292	1,679
44. Irrigation and land reclamation projects .....	5,263	3,827	9,090	5,349	3,887	9,236	5,415	3,938	9,353
<b>Electric power construction .....</b>	<b>3,317</b>	<b>838</b>	<b>4,155</b>	<b>1,685</b>	<b>606</b>	<b>2,291</b>	<b>1,756</b>	<b>602</b>	<b>2,358</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,909	390	2,299	604	260	864	259	279	538
46. Electric transformer stations .....	405	16	421	242	15	257	633	12	645
47. Power transmission and distribution lines, trolley wires .....	989	415	1,404	823	311	1,134	839	293	1,132
48. Street lighting .....	14	17	31	16	20	36	25	18	43
<b>Railway, telephone and telegraph .....</b>	<b>3,689</b>	<b>2,724</b>	<b>6,413</b>	<b>2,424</b>	<b>1,631</b>	<b>4,055</b>	<b>1,389</b>	<b>1,330</b>	<b>2,719</b>
49. Railway tracks and roadbed .....	3,542	2,439	5,981	2,357	1,405	3,762	579	1,138	1,717
50. Signals and interlockers .....	—	—	—	—	—	—	694	—	694
51. Telegraph and telephone lines, underground and marine cables .....	147	285	432	67	226	293	116	192	308
<b>Gas and oil facilities .....</b>	<b>197,648</b>	<b>8,032</b>	<b>205,680</b>	<b>254,342</b>	<b>8,964</b>	<b>263,306</b>	<b>192,972</b>	<b>9,326</b>	<b>202,298</b>
52. Gas mains and services .....	—	—	—	175	66	241	80	63	143
53. Pumping stations, oil .....	—	3	3	—	2	2	—	1	1
54. Pumping stations, gas .....	23	—	23	9	—	9	258	—	267
55. Oil storage tanks .....	5,205	66	5,271	2,320	31	2,351	1,865	36	1,901
56. Gas storage tanks .....	—	—	—	17	—	17	6	—	6
57. Oil pipe lines .....	331	87	418	1,289	89	1,378	934	93	1,027
58. Gas pipe lines .....	2,895	249	3,144	5,279	82	5,361	706	52	5,413
59. Oil wells .....	135,426	5,737	141,163	122,798	5,640	128,438	124,777	5,641	130,418
60. Gas wells .....	33,578	624	34,202	46,691	1,510	48,201	44,201	1,619	45,820
61. Oil refinery—processing units .....	422	2	424	296	—	296	465	—	465
62. Natural gas cleaning plants .....	19,768	1,264	21,032	75,468	1,544	77,012	19,680	1,821	21,501
<b>Other engineering construction .....</b>	<b>35,830</b>	<b>8,708</b>	<b>44,538</b>	<b>34,732</b>	<b>10,191</b>	<b>44,923</b>	<b>40,886</b>	<b>9,543</b>	<b>50,429</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	462	267	729	604	603	1,207	422	155	577
64. Tunnels and subways .....	16	1	17	29	—	29	4	—	29
65. Incinerators .....	—	2	2	—	4	4	—	—	4
66. Park systems, landscaping, sodding, etc. ....	57	35	92	76	34	110	91	44	135
67. Swimming pools, tennis courts, outdoor recreation facilities ....	11	1	12	16	29	45	22	33	59
68. Mine shafts and other below surface workings .....	26,242	3,155	29,397	24,916	4,224	29,140	29,046	4,031	33,077
69. Fences, snowsheds, signs, guard rails .....	5,330	3,831	9,161	5,417	3,900	9,317	5,556	3,946	9,502
70. Other engineering construction .....	3,712	1,416	5,128	3,674	1,397	5,071	5,745	1,334	7,079

<sup>1</sup> Actual 1960, preliminary 1961, intentions 1962.<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry.

TABLE 11. Manufacturing

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>335,252</b>	<b>125,896</b>	<b>461,148</b>	<b>268,409</b>	<b>119,803</b>	<b>388,212</b>	<b>320,401</b>	<b>121,708</b>	<b>442,109</b>
<b>Total building construction .....</b>	<b>263,953</b>	<b>90,872</b>	<b>354,825</b>	<b>212,272</b>	<b>82,050</b>	<b>294,322</b>	<b>253,183</b>	<b>83,906</b>	<b>337,089</b>
<b>Residential .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Industrial .....</b>	<b>222,615</b>	<b>86,936</b>	<b>309,551</b>	<b>189,459</b>	<b>78,976</b>	<b>268,435</b>	<b>232,338</b>	<b>80,911</b>	<b>313,249</b>
2. Factories, plants, workshops, food canneries .....	221,130	83,721	304,851	187,682	75,990	263,672	230,617	78,268	308,885
3. Mine and mine mill buildings .....	469	33	502	409	25	434	427	162	589
4. Railway stations, offices, roadway buildings .....	58	73	131	161	8	169	125	11	136
5. Railway shops, engine houses, water and fuel stations .....	958	3,109	4,067	1,207	2,953	4,160	1,169	2,470	3,639
<b>Commercial .....</b>	<b>38,730</b>	<b>3,327</b>	<b>42,057</b>	<b>21,970</b>	<b>2,681</b>	<b>24,651</b>	<b>20,345</b>	<b>2,561</b>	<b>22,906</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,977	880	21,857	13,820	1,099	14,919	11,272	1,008	12,280
7. Grain elevators .....	230	77	307	829	125	954	51	168	219
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	224	215	439	320	96	416	50	95	145
9. Office buildings .....	15,860	1,902	17,762	6,203	1,226	7,429	8,492	1,139	9,631
10. Stores, retail and wholesale .....	1,229	206	1,435	497	95	592	324	103	427
11. Garages and service stations .....	183	31	214	286	29	315	131	29	160
12. Theatres, arenas, amusement and recreational buildings .....	27	16	43	15	11	26	25	19	44
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>4</b>	<b>39</b>	<b>43</b>	<b>148</b>	<b>27</b>	<b>175</b>	<b>171</b>	<b>89</b>	<b>260</b>
14. Schools and other educational buildings .....	—	—	—	137	—	137	123	—	123
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	51	51
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4	39	43	11	27	38	48	38	86
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>2,604</b>	<b>570</b>	<b>3,174</b>	<b>695</b>	<b>366</b>	<b>1,061</b>	<b>329</b>	<b>345</b>	<b>674</b>
18. Farm buildings (excluding dwellings) .....	976	111	1,087	295	145	440	172	88	260
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	2	2	3	4	7	—	2	2
20. Aeroplane hangars .....	891	151	1,042	20	7	27	30	5	35
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	733	306	1,039	377	210	587	127	250	377
24. Other building construction .....	4	—	4	—	—	—	—	—	—
<b>Total engineering construction .....</b>	<b>71,299</b>	<b>35,024</b>	<b>106,323</b>	<b>56,137</b>	<b>37,753</b>	<b>93,890</b>	<b>67,218</b>	<b>37,802</b>	<b>105,020</b>
<b>Marine construction .....</b>	<b>5,321</b>	<b>2,303</b>	<b>7,624</b>	<b>5,419</b>	<b>1,783</b>	<b>7,202</b>	<b>1,494</b>	<b>1,535</b>	<b>3,029</b>
25. Docks, wharves, piers, breakwaters .....	5,076	1,775	6,851	3,636	1,163	4,799	1,225	879	2,104
26. Retaining walls, embankments, riprapping .....	53	7	60	29	40	69	10	13	23
27. Canals and waterways .....	45	66	111	—	—	—	—	—	—
28. Dredging and pile driving .....	91	252	343	77	332	409	248	435	683
29. Dyke construction .....	2	3	5	—	16	16	—	7	7
30. Logging booms .....	54	150	204	98	161	259	11	168	179
31. Other marine construction .....	—	50	50	1,579	71	1,650	—	33	33



TABLE 11. Manufacturing - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>5,957</b>	<b>1,674</b>	<b>7,631</b>	<b>2,603</b>	<b>1,420</b>	<b>4,023</b>	<b>1,687</b>	<b>1,260</b>	<b>2,947</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	2,858	810	3,668	1,319	691	2,010	906	610	1,516
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,365	348	1,713	593	240	833	229	231	460
34. Dirt, clay or other streets, roads, parking lots, etc. ....	526	338	864	401	437	838	449	352	801
35. Grading, scraping, oiling, filling .....	1,122	144	1,266	265	35	300	72	40	112
36. Sidewalks, paths .....	75	29	104	25	15	40	31	25	56
37. Aerodromes, landing fields, runways, tarmac .....	11	5	16	—	2	2	—	2	2
<b>Waterworks and sewage systems .....</b>	<b>4,605</b>	<b>1,325</b>	<b>5,930</b>	<b>4,914</b>	<b>1,080</b>	<b>5,994</b>	<b>2,748</b>	<b>1,008</b>	<b>3,756</b>
38. Tile drains, drainage ditches, storm sewers .....	590	57	647	275	57	332	86	35	121
39. Water mains, hydrants and services .....	1,747	605	2,352	1,408	408	1,816	1,359	380	1,739
40. Sewage systems and connections .....	1,032	335	1,367	1,163	196	1,359	714	157	871
41. Pumping stations, water .....	739	277	1,016	1,672	309	1,981	491	331	822
42. Water storage tanks .....	497	51	548	396	110	506	98	105	203
<b>Dams and irrigation .....</b>	<b>311</b>	<b>91</b>	<b>402</b>	<b>96</b>	<b>151</b>	<b>247</b>	<b>—</b>	<b>184</b>	<b>184</b>
43. Dams and reservoirs .....	282	91	373	96	147	243	—	184	184
44. Irrigation and land reclamation projects .....	29	—	29	—	4	4	—	—	—
<b>Electric power construction .....</b>	<b>2,688</b>	<b>1,490</b>	<b>4,178</b>	<b>4,189</b>	<b>1,601</b>	<b>5,790</b>	<b>3,880</b>	<b>1,431</b>	<b>5,311</b>
45. Electric power generating plants, including water conveying and controlling structures .....	824	529	1,353	1,993	371	2,364	1,767	309	2,076
46. Electric transformer stations .....	1,237	645	1,882	1,211	353	1,564	1,394	95	1,489
47. Power transmission and distribution lines, trolley wires .....	612	306	918	937	848	1,785	712	1,020	1,732
48. Street lighting .....	15	10	25	48	29	77	7	7	14
<b>Railway, telephone and telegraph .....</b>	<b>1,711</b>	<b>1,016</b>	<b>2,727</b>	<b>747</b>	<b>702</b>	<b>1,449</b>	<b>586</b>	<b>732</b>	<b>1,318</b>
49. Railway tracks and roadbed .....	1,703	971	2,674	712	666	1,378	558	690	1,248
50. Signals and interlockers .....	—	—	—	26	—	26	16	—	16
51. Telegraph and telephone lines, underground and marine cables	8	45	53	9	36	45	12	42	54
<b>Gas and oil facilities .....</b>	<b>46,810</b>	<b>26,275</b>	<b>73,085</b>	<b>35,834</b>	<b>28,253</b>	<b>64,087</b>	<b>56,195</b>	<b>29,255</b>	<b>85,450</b>
52. Gas mains and services .....	79	34	113	75	16	91	45	30	75
53. Pumping stations, oil .....	2	4	6	113	—	113	—	1	1
54. Pumping stations, gas .....	—	1	1	—	—	—	—	—	—
55. Oil storage tanks .....	6,019	1,026	7,045	1,595	904	2,499	3,821	853	4,674
56. Gas storage tanks .....	35	13	48	64	1	65	—	2	2
57. Oil pipe lines .....	1,235	73	1,308	650	133	783	230	116	346
58. Gas pipe lines .....	383	39	422	56	27	83	228	19	247
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	63	120	183	—	—	—	—	—	—
61. Oil refinery—processing units .....	38,994	24,965	63,959	33,122	26,535	59,657	51,765	27,600	79,365
62. Natural gas cleaning plants .....	—	—	—	159	637	796	106	634	740
<b>Other engineering construction .....</b>	<b>3,896</b>	<b>850</b>	<b>4,746</b>	<b>2,335</b>	<b>2,763</b>	<b>5,098</b>	<b>628</b>	<b>2,397</b>	<b>3,025</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,539	253	2,792	1,415	297	1,712	67	312	379
64. Tunnels and subways .....	45	—	45	6	1	7	—	1	1
65. Incinerators .....	55	4	59	45	—	45	156	10	166
66. Park systems, landscaping, sodding, etc. ....	276	408	684	157	209	366	33	229	262
67. Swimming pools, tennis courts, outdoor recreation facilities ..	102	5	107	1	—	1	22	10	32
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	303	62	365	135	95	230	126	80	206
70. Other engineering construction .....	576	118	694	576	2,161	2,737	224	1,755	1,979



TABLE 12. Utilities

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,073,866</b>	<b>269,103</b>	<b>1,342,969</b>	<b>1,097,414</b>	<b>281,373</b>	<b>1,378,787</b>	<b>1,074,252</b>	<b>305,622</b>	<b>1,379,874</b>
<b>Total building construction .....</b>	<b>117,861</b>	<b>32,272</b>	<b>150,133</b>	<b>101,934</b>	<b>31,524</b>	<b>133,458</b>	<b>98,791</b>	<b>33,774</b>	<b>132,565</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>26,482</b>	<b>16,974</b>	<b>43,456</b>	<b>17,009</b>	<b>16,713</b>	<b>33,722</b>	<b>16,330</b>	<b>19,082</b>	<b>35,412</b>
2. Factories, plants, workshops, food canneries ....	6,026	1,762	7,788	1,971	1,035	3,006	3,149	1,144	4,293
3. Mine and mine mill buildings .....	6	-	6	181	-	181	203	-	203
4. Railway stations, offices, roadway buildings .....	11,853	10,920	22,773	10,191	11,470	21,661	9,279	12,795	22,074
5. Railway shops, engine houses, water and fuel stations .....	8,597	4,292	12,889	4,666	4,208	8,874	3,699	5,143	8,842
<b>Commercial .....</b>	<b>41,118</b>	<b>12,736</b>	<b>53,854</b>	<b>51,490</b>	<b>12,576</b>	<b>64,066</b>	<b>53,147</b>	<b>12,400</b>	<b>65,547</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,094	2,322	8,416	6,827	2,223	9,050	6,874	2,390	9,264
7. Grain elevators .....	13,063	7,485	20,548	17,638	6,541	24,179	20,190	5,363	25,553
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	152	2	154	79	-	79	-	5	5
9. Office buildings .....	13,229	1,488	14,717	21,537	1,852	23,389	20,681	2,035	22,716
10. Stores, retail and wholesale .....	-	18	18	9	2	11	-	-	-
11. Garages and service stations .....	8,580	1,421	10,001	5,400	1,958	7,358	5,402	2,607	8,009
12. Theatres, arenas, amusement and recreational buildings .....	-	-	-	-	-	-	-	-	-
13. Laundries and dry cleaning establishments .....	-	-	-	-	-	-	-	-	-
<b>Institutional .....</b>	<b>110</b>	<b>2</b>	<b>112</b>	<b>21</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>
14. Schools and other educational buildings .....	107	2	109	21	-	21	-	-	-
15. Churches and other religious buildings .....	3	-	3	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	-	-	-	-	-	-	-	-
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>50,151</b>	<b>2,560</b>	<b>52,711</b>	<b>33,414</b>	<b>2,235</b>	<b>35,649</b>	<b>29,314</b>	<b>2,292</b>	<b>31,606</b>
18. Farm buildings (excluding dwellings) .....	-	-	-	-	-	-	-	-	-
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	41,241	1,345	42,586	28,760	1,420	30,180	26,427	1,555	27,982
20. Aeroplane hangars .....	6,189	139	6,328	3,688	381	4,069	2,407	325	2,732
21. Passenger terminals, bus, boat or air .....	199	992	1,191	54	282	336	345	283	628
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,521	84	2,605	823	63	886	66	50	116
24. Other building construction .....	1	-	1	89	89	178	69	79	148
<b>Total engineering construction .....</b>	<b>956,005</b>	<b>236,831</b>	<b>1,192,836</b>	<b>995,480</b>	<b>249,849</b>	<b>1,245,329</b>	<b>975,461</b>	<b>271,848</b>	<b>1,247,309</b>
<b>Marine construction .....</b>	<b>38,854</b>	<b>3,429</b>	<b>42,283</b>	<b>40,086</b>	<b>3,483</b>	<b>44,169</b>	<b>20,444</b>	<b>4,116</b>	<b>24,560</b>
25. Docks, wharves, piers, breakwaters .....	21,610	1,526	23,136	23,620	1,607	25,227	10,732	1,973	12,705
26. Retaining walls, embankments, riprapping .....	3,029	10	3,039	19	1	20	209	7	216
27. Canals and waterways .....	4,853	913	5,766	2,558	1,036	3,594	1,799	1,294	3,093
28. Dredging and pile driving .....	9,351	913	10,264	14,417	776	15,193	7,685	768	8,453
29. Dyke construction .....	7	-	7	7	-	7	-	-	-
30. Logging booms .....	4	-	4	5	25	30	19	26	45
31. Other marine construction .....	-	67	67	60	38	98	-	48	48

TABLE 12. Utilities - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>9,932</b>	<b>539</b>	<b>10,471</b>	<b>7,441</b>	<b>967</b>	<b>8,408</b>	<b>29,216</b>	<b>442</b>	<b>29,658</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	1,370	279	1,649	1,867	239	2,106	11,251	214	11,465
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,649	76	6,725	5,216	625	5,841	7,642	129	7,771
34. Dirt, clay or other streets, roads, parking lots, etc. ....	893	96	989	209	21	230	300	22	322
35. Grading, scraping, oiling, filling .....	892	82	974	27	82	109	10,015	77	10,092
36. Sidewalks, paths .....	87	6	93	10	—	10	8	—	8
37. Aerodromes, landing fields, runways, tarmac .....	41	—	41	112	—	112	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>72,787</b>	<b>18,581</b>	<b>91,368</b>	<b>70,744</b>	<b>18,109</b>	<b>88,853</b>	<b>102,332</b>	<b>23,587</b>	<b>125,919</b>
38. Tile drains, drainage ditches, storm sewers .....	83	36	119	67	46	113	4	7	11
39. Water mains, hydrants and services .....	51,491	15,058	66,549	48,927	14,634	63,561	60,077	17,234	77,311
40. Sewage systems and connections .....	9,167	40	9,207	10,575	55	10,630	25,554	39	25,593
41. Pumping stations, water .....	10,310	3,303	13,613	9,421	2,990	12,411	10,678	2,870	13,548
42. Water storage tanks .....	1,736	144	1,880	1,754	384	2,138	6,019	3,437	9,456
<b>Dams and irrigation .....</b>	<b>58,592</b>	<b>832</b>	<b>59,424</b>	<b>53,986</b>	<b>832</b>	<b>54,818</b>	<b>76,955</b>	<b>782</b>	<b>77,737</b>
43. Dams and reservoirs .....	58,535	832	59,367	53,986	832	54,818	76,955	782	77,737
44. Irrigation and land reclamation projects .....	57	—	57	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>283,063</b>	<b>43,303</b>	<b>326,366</b>	<b>327,875</b>	<b>51,314</b>	<b>379,189</b>	<b>344,784</b>	<b>50,130</b>	<b>394,914</b>
45. Electric power generating plants, including water conveying and controlling structures .....	110,822	9,759	120,581	144,838	11,303	156,141	136,930	9,531	146,461
46. Electric transformer stations .....	34,194	6,653	40,847	39,027	7,860	46,887	47,909	7,867	55,776
47. Power transmission and distribution lines, trolley wires .....	130,552	24,781	155,333	136,849	29,705	166,554	152,875	30,348	183,223
48. Street lighting .....	7,495	2,110	9,605	7,161	2,446	9,607	7,070	2,384	9,454
<b>Railway, telephone and telegraph .....</b>	<b>292,030</b>	<b>148,372</b>	<b>440,402</b>	<b>221,200</b>	<b>153,388</b>	<b>374,588</b>	<b>226,795</b>	<b>168,347</b>	<b>395,142</b>
49. Railway tracks and roadbed .....	157,379	102,425	259,814	106,828	109,518	216,346	97,796	122,051	219,847
50. Signals and interlockers .....	7,080	3,616	13,696	4,829	7,426	12,255	4,437	8,206	12,643
51. Telegraph and telephone lines, underground and marine cables .....	127,571	39,321	166,892	109,543	36,444	145,987	124,562	38,090	162,652
<b>Gas and oil facilities .....</b>	<b>147,196</b>	<b>9,279</b>	<b>156,475</b>	<b>212,434</b>	<b>8,807</b>	<b>221,241</b>	<b>113,902</b>	<b>9,803</b>	<b>123,705</b>
52. Gas mains and services .....	54,379	5,936	60,315	49,065	5,376	54,441	50,525	5,676	56,201
53. Pumping stations, oil .....	3,073	910	3,983	3,277	996	4,273	3,220	1,035	4,255
54. Pumping stations, gas .....	27,272	47	27,319	15,718	86	15,804	24,977	150	25,127
55. Oil storage tanks .....	388	161	549	2,038	65	2,103	535	81	616
56. Gas storage tanks .....	251	24	275	888	28	916	188	31	219
57. Oil pipe lines .....	13,055	1,337	14,392	39,494	1,464	40,958	6,728	1,836	8,564
58. Gas pipe lines .....	48,447	791	49,238	101,533	705	102,238	27,262	917	28,179
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	278	24	302	404	21	425	450	24	474
61. Oil refinery—processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	53	49	102	17	66	83	17	53	70
<b>Other engineering construction .....</b>	<b>53,551</b>	<b>12,496</b>	<b>66,047</b>	<b>61,114</b>	<b>12,949</b>	<b>74,063</b>	<b>61,033</b>	<b>14,641</b>	<b>75,674</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	32,432	9,324	41,756	36,177	9,689	45,866	23,203	10,970	34,173
64. Tunnels and subways .....	17,863	48	17,911	17,845	246	18,091	30,389	370	30,759
65. Incinerators .....	—	—	—	—	—	—	61	—	61
66. Park systems, landscaping, sodding, etc. ....	157	60	217	155	100	255	642	65	707
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	8	8	—	—	—	21	—	21
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	2,480	2,221	4,701	1,862	2,065	3,927	1,651	2,308	3,959
70. Other engineering construction .....	619	835	1,454	5,075	849	5,924	5,066	928	5,994



TABLE 13. Trade Finance and Commercial Services

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>466,393</b>	<b>68,508</b>	<b>534,901</b>	<b>464,452</b>	<b>68,414</b>	<b>532,866</b>	<b>449,135</b>	<b>61,011</b>	<b>510,146</b>
<b>Total building construction .....</b>	<b>443,341</b>	<b>65,810</b>	<b>509,151</b>	<b>445,802</b>	<b>66,570</b>	<b>512,372</b>	<b>432,640</b>	<b>59,186</b>	<b>491,826</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>9,024</b>	<b>659</b>	<b>9,683</b>	<b>3,719</b>	<b>448</b>	<b>4,167</b>	<b>3,483</b>	<b>408</b>	<b>3,891</b>
2. Factories, plants, work shops, food canneries .....	9,024	659	9,683	3,719	408	4,127	3,483	408	3,891
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	40	40	—	—	—
<b>Commercial .....</b>	<b>429,943</b>	<b>64,960</b>	<b>494,903</b>	<b>439,300</b>	<b>65,934</b>	<b>505,234</b>	<b>426,238</b>	<b>58,632</b>	<b>484,870</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	29,334	5,400	34,734	27,906	5,820	33,726	23,293	5,404	28,697
7. Grain elevators .....	—	—	—	2	—	2	2	—	2
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	32,519	9,282	41,801	26,137	11,007	37,144	31,149	8,290	39,439
9. Office buildings .....	163,599	13,605	177,204	196,955	14,108	211,063	169,679	12,971	182,650
10. Stores, retail and wholesale .....	159,005	26,728	185,733	137,239	22,065	159,304	158,993	22,966	181,959
11. Garages and service stations .....	30,894	7,729	38,623	33,771	11,000	44,771	26,772	7,284	34,056
12. Theatres, arenas, amusement and recreational buildings .....	13,813	1,382	15,195	15,581	1,078	16,659	15,653	879	16,532
13. Laundries and dry cleaning establishments .....	779	834	1,613	1,709	856	2,565	697	838	1,535
<b>Institutional .....</b>	<b>2,572</b>	<b>176</b>	<b>2,748</b>	<b>2,503</b>	<b>188</b>	<b>2,691</b>	<b>2,898</b>	<b>146</b>	<b>3,044</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,673	166	1,839	1,980	185	2,165	2,497	143	2,640
17. Other institutional buildings .....	899	10	909	523	3	526	401	3	404
<b>Other building construction .....</b>	<b>1,802</b>	<b>15</b>	<b>1,817</b>	<b>280</b>	<b>—</b>	<b>280</b>	<b>21</b>	<b>—</b>	<b>21</b>
18. Farm buildings (excluding dwellings) .....	1,697	5	1,702	228	—	228	21	—	21
19. Broadcasting, radio and television, relay and booster stations telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	78	—	78	—	—	—	—	—	—
24. Other building construction .....	27	10	37	52	—	52	—	—	—
<b>Total engineering construction .....</b>	<b>23,052</b>	<b>2,698</b>	<b>25,750</b>	<b>18,650</b>	<b>1,844</b>	<b>20,494</b>	<b>16,495</b>	<b>1,825</b>	<b>18,320</b>
<b>Marine construction .....</b>	<b>2,824</b>	<b>101</b>	<b>2,925</b>	<b>1,400</b>	<b>29</b>	<b>1,429</b>	<b>598</b>	<b>28</b>	<b>626</b>
25. Docks, wharves, piers, breakwaters .....	1,917	79	1,996	1,175	26	1,201	540	26	566
26. Retaining walls, embankments, riprapping .....	103	—	103	76	—	76	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	588	—	588	143	—	143	—	—	—
29. Dyke construction .....	216	22	238	2	—	2	4	—	4
30. Logging booms .....	—	—	—	—	—	—	4	—	4
31. Other marine construction .....	—	—	—	4	3	7	50	2	52



TABLE 13. Trade Finance and Commercial Services - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>6,238</b>	<b>775</b>	<b>7,013</b>	<b>5,964</b>	<b>369</b>	<b>6,333</b>	<b>6,314</b>	<b>458</b>	<b>6,772</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	5,307	668	5,975	4,459	308	4,767	4,734	393	5,127
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	382	80	462	664	42	706	862	48	910
34. Dirt, clay or other streets, roads, parking lots, etc. ....	31	9	40	181	9	190	79	8	87
35. Grading, scraping, oiling, filling .....	406	18	424	483	10	493	509	8	517
36. Sidewalks, paths .....	103	-	103	177	-	177	130	1	131
37. Aerodromes, landing fields, runways, tarmac .....	9	-	9	-	-	-	-	-	-
<b>Waterworks and sewage systems .....</b>	<b>2,603</b>	<b>24</b>	<b>2,627</b>	<b>2,635</b>	<b>45</b>	<b>2,680</b>	<b>1,725</b>	<b>16</b>	<b>1,741</b>
38. Tile drains, drainage ditches, storm sewers .....	582	11	593	539	20	559	538	2	540
39. Water mains, hydrants and services .....	1,319	-	1,319	390	14	404	495	-	495
40. Sewage systems and connections .....	702	13	715	1,288	11	1,299	601	9	610
41. Pumping stations, water .....	-	-	-	418	-	418	91	-	91
42. Water storage tanks .....	-	-	-	-	-	-	-	5	5
<b>Dams and irrigation .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36</b>	<b>-</b>	<b>36</b>	<b>3</b>	<b>-</b>	<b>3</b>
43. Dams and reservoirs .....	-	-	-	4	-	4	3	-	3
44. Irrigation and land reclamation projects .....	-	-	-	32	-	32	-	-	-
<b>Electric power construction .....</b>	<b>145</b>	<b>6</b>	<b>151</b>	<b>719</b>	<b>3</b>	<b>722</b>	<b>209</b>	<b>3</b>	<b>212</b>
45. Electric power generating plants, including water conveying and controlling structures .....	-	3	3	29	-	29	-	-	-
46. Electric transformer stations .....	-	-	-	-	1	1	-	2	2
47. Power transmission and distribution lines, trolley wires .....	40	-	40	62	-	62	80	1	81
48. Street lighting .....	105	3	108	628	2	630	129	-	129
<b>Railway, telephone and telegraph .....</b>	<b>331</b>	<b>4</b>	<b>335</b>	<b>52</b>	<b>1</b>	<b>53</b>	<b>32</b>	<b>2</b>	<b>34</b>
49. Railway tracks and roadbed .....	331	4	335	42	1	43	32	2	34
50. Signals and interlockers .....	-	-	-	-	-	-	-	-	-
51. Telegraph and telephone lines, underground and marine cables .....	-	-	-	10	-	10	-	-	-
<b>Gas and oil facilities .....</b>	<b>9,500</b>	<b>1,401</b>	<b>10,901</b>	<b>6,828</b>	<b>958</b>	<b>7,786</b>	<b>6,901</b>	<b>844</b>	<b>7,745</b>
52. Gas mains and services .....	-	-	-	2	-	2	-	-	-
53. Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas .....	21	6	27	15	5	20	32	4	36
55. Oil storage tanks .....	8,066	1,367	9,433	5,066	888	5,954	4,511	834	5,345
56. Gas storage tanks .....	1,302	18	1,320	1,472	60	1,532	1,780	1	1,781
57. Oil pipe lines .....	111	10	121	238	5	243	537	5	542
58. Gas pipe lines .....	-	-	-	35	-	35	41	-	41
59. Oil wells .....	-	-	-	-	-	-	-	-	-
60. Gas wells .....	-	-	-	-	-	-	-	-	-
61. Oil refinery - processing units .....	-	-	-	-	-	-	-	-	-
62. Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>1,411</b>	<b>387</b>	<b>1,798</b>	<b>1,016</b>	<b>439</b>	<b>1,455</b>	<b>713</b>	<b>474</b>	<b>1,178</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	64	-	64	18	3	21	25	2	27
64. Tunnels and subways .....	-	-	-	-	-	-	-	-	-
65. Incinerators .....	-	-	-	1	-	1	3	-	3
66. Park systems, landscaping, sodding, etc. ....	206	1	207	70	5	75	72	6	78
67. Swimming pools, tennis courts, outdoor recreation facilities ....	84	270	354	375	407	782	23	427	450
68. Mine shafts and other below surface workings .....	-	-	-	-	-	-	-	-	-
69. Fences, snowsheds, signs, guard rails .....	436	116	552	228	16	244	338	28	366
70. Other engineering construction .....	621	-	621	324	8	332	252	11	263

TABLE 14. Federal Government Departments

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>303,078</b>	<b>73,379</b>	<b>376,457</b>	<b>344,511</b>	<b>74,444</b>	<b>418,955</b>	<b>361,509</b>	<b>79,857</b>	<b>441,366</b>
<b>Total building construction .....</b>	<b>162,175</b>	<b>43,319</b>	<b>205,494</b>	<b>170,906</b>	<b>44,010</b>	<b>214,916</b>	<b>178,827</b>	<b>47,101</b>	<b>225,928</b>
2. Factories, plants, workshops, food canneries .....	22,142	4,993	27,135	20,294	5,040	25,334	20,983	5,260	26,243
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,959	2,006	4,965	3,314	2,045	5,359	3,274	2,195	5,469
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,257	1,086	3,343	2,363	1,108	3,471	2,773	1,183	3,956
9. Office buildings .....	42,551	9,257	51,808	45,081	9,405	54,486	46,503	10,113	56,616
10. Stores, retail and wholesale .....	24	123	147	24	124	148	25	134	159
11. Garages and service stations .....	1,920	542	2,462	2,089	552	2,641	2,198	596	2,794
12. Theatres, arenas, amusement and recreational buildings .....	3,201	864	4,065	3,561	884	4,445	3,617	945	4,562
14. Schools and other educational buildings .....	13,499	2,225	15,724	15,333	2,261	17,594	15,325	2,414	17,739
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,556	1,343	12,899	11,520	1,361	12,881	12,610	1,466	14,076
17. Other institutional buildings .....	400	270	670	480	274	754	485	293	778
18. Farm buildings (excluding dwellings) .....	1,035	245	1,280	1,147	250	1,397	1,170	266	1,436
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	17,079	958	18,037	17,350	964	18,314	18,083	1,045	19,128
20. Aeroplane hangars .....	7,585	2,432	10,017	7,092	2,487	9,579	7,418	2,667	10,085
21. Passenger terminals, bus, boat or air .....	24,947	43	24,990	29,542	43	29,585	31,717	47	31,764
22. Armouries, barracks, drill halls, etc. ....	5,834	14,860	20,694	5,883	15,090	20,973	6,272	16,228	22,500
24. Other building construction .....	5,186	2,072	7,258	5,833	2,122	7,955	6,374	2,249	8,623
<b>Total engineering construction .....</b>	<b>140,903</b>	<b>30,060</b>	<b>170,963</b>	<b>173,605</b>	<b>30,434</b>	<b>204,039</b>	<b>182,682</b>	<b>32,756</b>	<b>215,438</b>
25. Docks, wharves, piers, breakwaters .....	31,017	3,292	34,309	31,760	3,295	35,055	34,048	3,592	37,640
26. Retaining walls, embankments, riprapping .....	546	249	795	679	251	930	741	272	1,013
27. Canals and waterways .....	253	363	616	260	369	629	279	397	676
28. Dredging and pile driving .....	2,256	3,198	5,454	2,328	3,185	5,513	2,688	3,483	6,171
29. Dyke construction .....	14	12	26	14	12	26	17	13	30
31. Other marine construction .....	1,177	104	1,281	1,254	106	1,360	1,218	112	1,330
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	18,379	1,688	20,067	20,055	1,721	21,776	19,405	1,825	21,230
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,099	3,867	16,966	14,463	3,879	18,342	12,981	4,234	17,215
34. Dirt, clay or other streets, roads, parking lots, etc. ....	768	481	1,249	892	493	1,385	872	524	1,396
35. Grading, scraping, oiling, filling .....	199	826	1,025	260	829	1,089	280	895	1,175
37. Aerodeomes, landing fields, runways, tarmac .....	27,787	2,217	30,004	29,954	2,263	32,217	32,407	2,427	34,834
38. Tile drains, drainage ditches, storm sewers .....	210	1,016	1,226	455	1,022	1,477	389	1,110	1,499
39. Water mains, hydrants and services .....	2,821	1,068	3,889	2,919	1,088	4,007	3,273	1,169	4,442
40. Sewage systems and connections .....	2,022	548	2,570	2,180	560	2,740	2,405	598	3,003
43. Dams and reservoirs .....	12,846	2,132	14,978	30,478	2,211	32,689	36,040	2,291	38,331
44. Irrigation and land reclamation projects .....	2,539	1,079	3,618	2,890	1,116	4,006	3,126	1,176	4,302
45. Electric power generating plants, including water conveying and controlling structures .....	2,292	1,060	3,352	6,179	1,071	7,250	5,889	1,157	7,046
46. Electric transformer stations .....	189	128	317	181	130	311	130	141	271
47. Power transmission and distribution lines, trolley wires .....	1,039	760	1,799	1,166	767	1,933	1,205	829	2,034
55. Oil storage tanks .....	367	21	388	364	21	385	357	22	379
57. Oil pipe lines .....	278	—	278	311	—	311	319	—	319
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,406	701	6,107	6,444	703	7,147	6,210	768	6,978
66. Park systems, landscaping, sodding, etc. ....	1,941	1,928	3,869	2,123	1,954	4,077	2,212	2,106	4,318
67. Swimming pools, tennis courts, outdoor recreation facilities ....	644	226	870	698	230	928	766	245	1,011
69. Fences, snowsheds, signs, guard rails .....	1,362	1,335	2,697	1,534	1,360	2,894	1,581	1,448	3,029
70. Other engineering construction .....	11,452	1,761	13,213	13,764	1,798	15,562	13,844	1,922	15,766



TABLE 15. Provincial Government Departments

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>530,022</b>	<b>149,547</b>	<b>679,569</b>	<b>535,730</b>	<b>155,465</b>	<b>691,195</b>	<b>561,659</b>	<b>157,046</b>	<b>718,705</b>
<b>Total building construction .....</b>	<b>32,285</b>	<b>25,340</b>	<b>57,625</b>	<b>46,391</b>	<b>11,008</b>	<b>57,399</b>	<b>55,945</b>	<b>11,946</b>	<b>67,891</b>
2. Factories, plants, workshops, food canneries .....	2,740	148	2,888	1,286	—	1,286	1,256	—	1,256
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,548	1,959	4,507	1,682	620	2,302	1,842	676	2,518
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	62	21	83	30	30	60	183	30	213
9. Office buildings .....	12,946	14,770	27,716	30,140	8,261	38,401	35,523	8,893	44,416
11. Garages and service stations .....	213	31	244	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	493	535	1,028	—	—	—	—	—	—
17. Other institutional buildings .....	10,346	7,251	17,597	11,061	1,724	12,785	14,875	1,934	16,809
24. Other building construction .....	2,937	625	3,562	2,192	373	2,565	2,266	413	2,679
<b>Total engineering construction .....</b>	<b>497,737</b>	<b>124,207</b>	<b>621,944</b>	<b>489,339</b>	<b>144,457</b>	<b>633,796</b>	<b>505,714</b>	<b>145,100</b>	<b>650,814</b>
25. Docks, wharves, piers, breakwaters .....	1,030	402	1,432	463	49	512	429	49	478
28. Dredging and pile driving .....	11,614	—	11,614	—	—	—	—	—	—
31. Other marine construction .....	468	920	1,388	2,073	47	2,120	2,781	46	2,827
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	254,317	60,231	314,548	257,223	69,173	326,396	272,912	70,690	343,602
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	101,716	46,412	148,128	95,609	58,072	153,681	91,311	57,007	148,318
34. Dirt, clay or other streets, roads, parking lots, etc. ....	109	119	228	2,285	650	2,935	2,746	729	3,475
35. Grading, scraping, oiling, filling .....	20,138	1,183	21,321	15,544	1,949	17,493	15,430	1,901	17,331
38. Tile drains, drainage ditches, storm sewers .....	1,122	117	1,239	1,948	1,020	2,968	2,743	1,087	3,830
39. Water mains, hydrants and services .....	114	60	174	843	17	860	920	26	946
43. Dams and reservoirs .....	400	196	596	545	80	625	581	83	664
44. Irrigation and land reclamation projects .....	1,817	837	2,654	2,806	634	3,440	3,839	620	4,459
47. Power transmission and distribution lines, trolley wires .....	147	1	148	1,821	—	1,821	1,821	—	1,821
51. Telegraph and telephone lines, underground and marine cables	918	10	928	27	14	41	35	9	44
63. Bridges, trestles, culverts, overpasses, viaducts .....	100,861	11,462	112,323	103,436	11,205	114,641	105,695	11,208	116,803
66. Park systems, landscaping, sodding, etc. ....	787	655	1,442	1,669	482	2,151	1,423	462	1,885
67. Swimming pools, tennis courts, outdoor recreation facilities ....	280	115	395	1,805	704	2,509	1,922	806	2,728
69. Fences, snowheds, signs, guard rails .....	626	579	1,205	107	32	139	129	27	156
70. Other engineering construction .....	1,273	908	2,181	1,135	329	1,464	1,097	350	1,447



TABLE 16. Municipal Government Departments

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>337,601</b>	<b>103,842</b>	<b>441,443</b>	<b>340,783</b>	<b>91,712</b>	<b>432,495</b>	<b>376,274</b>	<b>90,458</b>	<b>466,732</b>
<b>Total building construction</b> .....	<b>43,799</b>	<b>6,868</b>	<b>50,667</b>	<b>52,575</b>	<b>8,934</b>	<b>61,509</b>	<b>60,937</b>	<b>7,875</b>	<b>68,812</b>
2. Factories, plants, work shops, food canneries .....	1,751	463	2,214	2,503	646	3,149	3,616	625	4,241
9. Office buildings .....	11,038	1,032	12,070	10,293	1,348	11,641	17,060	965	18,025
10. Stores, retail and wholesale .....	53	37	90	54	26	80	59	26	85
11. Garages and service stations .....	2,318	173	2,491	2,396	164	2,560	1,091	65	1,156
12. Theatres, arenas, amusement and recreational buildings .....	8,118	1,399	9,517	12,794	3,197	15,991	14,766	3,169	17,935
16. Hospitals, sanatoria, clinics, first aid stations, etc. ....	546	87	633	811	108	919	234	93	327
17. Other institutional buildings .....	11,627	1,943	13,570	13,121	1,742	14,863	14,629	1,552	16,181
24. Other building construction .....	8,348	1,734	10,082	10,603	1,703	12,306	9,482	1,380	10,862
<b>Total engineering construction</b> .....	<b>293,802</b>	<b>96,974</b>	<b>390,776</b>	<b>288,208</b>	<b>82,778</b>	<b>370,986</b>	<b>315,337</b>	<b>82,583</b>	<b>397,920</b>
25. Docks, wharves, piers, breakwaters .....	718	110	828	1,103	126	1,229	2,333	124	2,457
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	86,855	22,943	109,798	88,607	20,929	109,536	91,890	21,396	113,286
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	29,366	27,492	56,858	26,755	24,019	50,774	27,075	24,375	51,450
34. Dirt, clay or other streets, roads, parking lots, etc. ....	12,621	11,326	23,947	10,474	7,477	17,951	10,740	7,356	18,096
35. Grading, scraping, oiling, filling .....	657	256	913	667	182	849	726	180	906
36. Sidewalks, paths .....	18,108	5,002	23,110	15,935	4,135	20,070	15,474	4,218	19,692
38. Tile drains, drainage ditches, storm sewers .....	9,171	7,664	16,835	8,581	7,093	15,674	8,950	7,035	15,985
40. Sewage systems and connections .....	88,586	8,832	97,418	89,255	7,964	97,219	107,909	7,616	115,525
48. Street lighting .....	3,973	2,030	6,003	4,910	3,140	8,050	4,412	3,303	7,715
63. Bridges, trestles, culverts, overpasses, viaducts .....	28,974	3,651	32,625	27,143	3,116	30,259	32,304	2,588	34,892
64. Tunnels and subways .....	3,598	56	3,654	4,626	266	4,892	3,942	268	4,210
65. Incinerators .....	1,812	1,468	3,280	1,379	406	1,785	800	388	1,188
66. Park systems, landscaping, sodding, etc. ....	1,447	547	1,994	1,469	389	1,858	1,600	384	1,984
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1,369	398	1,767	1,390	284	1,674	1,514	280	1,794
69. Fences, snowsheds, signs, guard rails .....	205	285	490	208	203	411	227	200	427
70. Other engineering construction .....	6,342	4,914	11,256	5,706	3,049	8,755	5,441	2,872	8,313

TABLE 17. Housing and Institutional Services

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential</b> .....	<b>1,456,100</b>	<b>457,000</b>	<b>1,913,100</b>	<b>1,467,000</b>	<b>484,000</b>	<b>1,951,000</b>	<b>1,533,000</b>	<b>513,000</b>	<b>2,046,000</b>
<b>Institutional:</b>									
<b>Total value of work performed</b> .....	<b>500,589</b>	<b>58,959</b>	<b>559,548</b>	<b>535,526</b>	<b>64,064</b>	<b>599,590</b>	<b>699,458</b>	<b>64,863</b>	<b>764,321</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	624	17	641	538	2	540	1,980	6	1,986
9. Office buildings .....	200	—	200	678	22	700	2,067	37	2,104
12. Theatres, arenas, amusement and recreational buildings .....	805	11	816	1,865	29	1,894	1,974	22	1,996
14. Schools and other educational buildings .....	296,369	33,516	329,885	304,431	35,794	340,225	423,914	37,399	461,313
15. Churches and other religious buildings .....	60,433	9,132	69,565	56,154	8,995	65,149	62,695	7,064	69,759
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	122,691	14,692	137,383	148,327	17,364	165,691	174,680	18,859	193,539
17. Other institutional buildings .....	10,986	1,113	12,099	17,342	1,237	18,579	12,174	759	12,933
18. Farm buildings (excluding dwellings) .....	97	68	165	144	29	173	114	41	155
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,568	118	5,686	2,767	63	2,830	16,024	84	16,108
24. Other building construction .....	468	1	469	707	54	761	182	44	226
<b>Total engineering construction</b> .....	<b>2,348</b>	<b>291</b>	<b>2,639</b>	<b>2,573</b>	<b>475</b>	<b>3,048</b>	<b>3,654</b>	<b>548</b>	<b>4,202</b>

VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - PROVINCES, 1960-62

TABLE 18. Newfoundland

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>113,536</b>	<b>24,972</b>	<b>138,508</b>	<b>135,799</b>	<b>27,380</b>	<b>163,179</b>	<b>154,253</b>	<b>27,685</b>	<b>181,938</b>
<b>Total building construction .....</b>	<b>62,776</b>	<b>15,427</b>	<b>78,203</b>	<b>77,439</b>	<b>14,422</b>	<b>91,861</b>	<b>98,249</b>	<b>14,617</b>	<b>112,866</b>
Residential .....	30,400	9,600	40,000	24,800	8,200	33,000	26,100	8,700	34,800
Industrial .....	10,430	1,677	12,107	29,476	1,433	30,909	37,595	1,398	38,993
Commercial .....	5,713	1,543	7,256	8,227	1,474	9,701	8,023	1,302	9,325
Institutional .....	9,683	1,416	11,099	9,953	2,237	12,190	18,949	2,016	20,965
Other building construction .....	6,550	1,191	7,741	4,983	1,078	6,061	7,582	1,201	8,783
<b>Total engineering construction .....</b>	<b>50,760</b>	<b>9,545</b>	<b>60,305</b>	<b>58,360</b>	<b>12,958</b>	<b>71,318</b>	<b>56,004</b>	<b>13,068</b>	<b>69,072</b>
Marine construction .....	9,012	930	9,942	18,825	1,173	19,998	27,232	1,083	28,315
Road, highway and aerodrome construction .....	18,802	5,925	24,727	13,700	8,974	22,674	13,024	8,954	21,978
Waterworks and sewage systems .....	1,043	534	1,577	2,292	976	3,268	3,897	663	4,560
Dams and irrigation .....	200	64	264	334	67	401	477	48	525
Electric power construction .....	7,157	684	7,841	10,998	637	11,635	5,480	756	6,236
Railway, telephone and telegraph .....	8,217	976	9,193	5,172	939	6,111	3,221	1,109	4,330
Gas and oil facilities .....	2,760	58	2,818	5,580	56	5,636	1,360	294	1,654
Other engineering construction .....	3,569	374	3,943	1,459	136	1,595	1,313	161	1,474

TABLE 19. Prince Edward Island

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>24,337</b>	<b>5,886</b>	<b>30,223</b>	<b>24,617</b>	<b>5,966</b>	<b>30,583</b>	<b>24,462</b>	<b>6,124</b>	<b>30,586</b>
<b>Total building construction .....</b>	<b>12,167</b>	<b>3,762</b>	<b>15,929</b>	<b>14,479</b>	<b>3,755</b>	<b>18,234</b>	<b>13,957</b>	<b>3,913</b>	<b>17,870</b>
Residential .....	4,400	1,400	5,800	6,000	1,900	7,900	6,100	2,100	8,200
Industrial .....	361	164	525	263	228	491	238	204	442
Commercial .....	1,724	536	2,260	2,290	485	2,775	1,499	371	1,870
Institutional .....	2,298	609	2,907	3,538	197	3,735	3,758	190	3,948
Other building construction .....	3,384	1,053	4,437	2,388	945	3,333	2,362	1,048	3,410
<b>Total engineering construction .....</b>	<b>12,170</b>	<b>2,124</b>	<b>14,294</b>	<b>10,138</b>	<b>2,211</b>	<b>12,349</b>	<b>10,505</b>	<b>2,211</b>	<b>12,716</b>
Marine construction .....	816	469	1,285	465	441	906	420	491	911
Road, highway and aerodrome construction .....	7,159	1,042	8,201	6,359	1,088	7,447	6,236	1,096	7,332
Waterworks and sewage systems .....	282	88	370	371	118	489	230	82	312
Dams and irrigation .....	53	43	96	48	40	88	54	45	99
Electric power construction .....	2,578	123	2,701	921	186	1,107	1,671	161	1,832
Railway, telephone and telegraph .....	564	177	741	577	199	776	733	187	920
Gas and oil facilities .....	264	9	273	323	13	336	51	12	63
Other engineering construction .....	454	173	627	1,074	126	1,200	1,110	137	1,247



TABLE 20. Nova Scotia

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>166,424</b>	<b>53,638</b>	<b>320,062</b>	<b>159,855</b>	<b>55,664</b>	<b>215,519</b>	<b>177,194</b>	<b>56,851</b>	<b>234,045</b>
<b>Total building construction .....</b>	<b>107,277</b>	<b>29,995</b>	<b>137,272</b>	<b>109,730</b>	<b>31,979</b>	<b>141,709</b>	<b>118,185</b>	<b>31,361</b>	<b>149,546</b>
<b>Residential .....</b>	<b>52,600</b>	<b>16,500</b>	<b>69,100</b>	<b>49,300</b>	<b>16,400</b>	<b>65,700</b>	<b>52,100</b>	<b>17,400</b>	<b>69,500</b>
<b>Industrial .....</b>	<b>8,171</b>	<b>3,063</b>	<b>11,234</b>	<b>13,217</b>	<b>2,844</b>	<b>16,061</b>	<b>5,962</b>	<b>2,995</b>	<b>8,957</b>
2. Factories, plants, workshops, food canneries .....	7,452	2,555	10,007	12,660	2,345	15,005	5,502	2,386	7,888
3. Mine and mine mill buildings .....	116	31	147	93	21	114	56	45	101
4. Railway stations, offices, roadway buildings .....	389	304	693	308	317	625	268	375	643
5. Railway shops, engine houses, water and fuel stations .....	214	173	387	156	161	317	136	189	325
<b>Commercial .....</b>	<b>15,734</b>	<b>3,961</b>	<b>19,695</b>	<b>15,817</b>	<b>6,387</b>	<b>22,204</b>	<b>18,690</b>	<b>4,225</b>	<b>22,915</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,775	929	3,704	1,562	842	2,404	2,508	881	3,389
7. Grain elevators .....	2	59	61	29	123	152	1	111	112
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	3,169	160	3,329	1,295	2,174	3,469	498	181	679
9. Office buildings .....	4,682	1,412	6,094	5,827	1,833	7,660	6,652	1,692	8,344
10. Stores, retail and wholesale .....	3,979	788	4,767	5,526	696	6,222	6,370	624	6,994
11. Garages and service stations .....	933	307	1,240	1,324	397	1,721	2,421	399	2,820
12. Theatres, arenas, amusement and recreational buildings ..	194	296	490	254	302	556	240	317	557
13. Laundries and dry cleaning establishments .....	—	10	10	—	20	20	—	20	20
<b>Institutional .....</b>	<b>23,631</b>	<b>2,146</b>	<b>25,777</b>	<b>24,420</b>	<b>2,121</b>	<b>26,541</b>	<b>30,307</b>	<b>2,320</b>	<b>32,627</b>
14. Schools and other educational buildings .....	12,992	934	13,926	13,228	1,033	14,261	15,310	1,168	16,478
15. Churches and other religious buildings .....	3,818	331	4,149	3,202	284	3,486	2,886	301	3,187
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,680	827	7,507	7,518	705	8,223	11,704	765	12,469
17. Other institutional buildings .....	141	54	195	472	99	571	407	86	493
<b>Other building construction .....</b>	<b>7,141</b>	<b>4,325</b>	<b>11,466</b>	<b>6,976</b>	<b>4,227</b>	<b>11,203</b>	<b>11,126</b>	<b>4,421</b>	<b>15,547</b>
18. Farm buildings (excluding dwellings) .....	1,767	1,286	3,053	1,757	1,281	3,038	1,780	1,298	3,078
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,123	145	1,268	605	89	694	734	75	809
20. Aeroplane hangars .....	2,374	646	3,020	2,722	608	3,330	3,381	648	4,029
21. Passenger terminals, bus, boat or air .....	590	63	653	678	7	685	738	28	766
22. Armouries, barracks, drill halls, etc. ....	784	1,979	2,763	901	2,063	2,964	976	2,194	3,170
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	271	141	412	128	114	242	3,449	106	3,555
24. Other building construction .....	232	65	297	185	65	250	68	72	140
<b>Total engineering construction .....</b>	<b>59,147</b>	<b>23,643</b>	<b>82,790</b>	<b>50,125</b>	<b>23,685</b>	<b>73,810</b>	<b>59,009</b>	<b>25,490</b>	<b>84,499</b>
<b>Marine construction .....</b>	<b>7,496</b>	<b>1,834</b>	<b>9,330</b>	<b>6,930</b>	<b>1,673</b>	<b>8,603</b>	<b>7,150</b>	<b>1,852</b>	<b>9,002</b>
25. Docks, wharves, piers, breakwaters .....	7,202	1,340	8,542	6,834	1,125	7,959	7,045	1,297	8,342
26. Retaining walls, embankments, riprapping .....	14	24	38	13	23	36	14	23	37
27. Canals and waterways .....	—	30	30	—	25	25	—	27	27
28. Dredging and pile driving .....	58	413	471	40	427	467	44	455	499
29. Dyke construction .....	136	—	136	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	86	27	113	43	73	116	47	50	97



TABLE 20. Nova Scotia - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>22,087</b>	<b>9,854</b>	<b>31,941</b>	<b>20,163</b>	<b>13,012</b>	<b>33,175</b>	<b>20,808</b>	<b>13,459</b>	<b>34,267</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	16,912	7,003	23,915	15,197	9,519	24,716	15,245	9,355	24,600
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,916	1,876	4,792	2,613	2,546	5,159	3,310	3,140	6,450
34. Dirt, clay or other streets, roads, parking lots, etc. ....	607	336	943	473	297	770	541	281	822
35. Grading, scraping, oiling, filling .....	420	15	435	8	16	24	7	16	23
36. Sidewalks, paths .....	270	92	362	767	81	848	508	77	585
37. Aerodromes, landing fields, runways, tarmac .....	962	532	1,494	1,105	553	1,658	1,197	590	1,787
<b>Waterworks and sewage systems .....</b>	<b>2,812</b>	<b>1,510</b>	<b>4,322</b>	<b>3,284</b>	<b>893</b>	<b>4,177</b>	<b>3,944</b>	<b>807</b>	<b>4,751</b>
38. Tile drains, drainage ditches, storm sewers .....	76	80	156	94	50	144	104	52	156
39. Water mains, hydrants and services .....	1,636	789	2,425	1,471	578	2,049	1,375	526	1,901
40. Sewage systems and connections .....	938	569	1,507	1,355	233	1,588	2,449	209	2,658
41. Pumping stations, water .....	155	72	227	364	32	396	16	20	36
42. Water storage tanks .....	7	-	7	-	-	-	-	-	-
<b>Dams and irrigation .....</b>	<b>3,223</b>	<b>222</b>	<b>3,445</b>	<b>2,886</b>	<b>232</b>	<b>3,118</b>	<b>2,925</b>	<b>268</b>	<b>3,193</b>
43. Dams and reservoirs .....	1,673	53	1,726	1,119	59	1,178	1,017	87	1,104
44. Irrigation and land reclamation projects .....	1,550	169	1,719	1,767	173	1,940	1,908	181	2,089
<b>Electric power construction .....</b>	<b>8,795</b>	<b>1,763</b>	<b>10,558</b>	<b>6,138</b>	<b>1,675</b>	<b>7,813</b>	<b>7,569</b>	<b>2,038</b>	<b>9,607</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,495	276	2,771	2,190	276	2,466	968	372	1,340
46. Electric transformer stations .....	641	59	700	286	131	417	812	144	956
47. Power transmission and distribution lines, trolley wires .....	5,410	1,363	6,773	3,396	1,148	4,544	5,383	1,390	6,773
48. Street lighting .....	249	65	314	266	120	386	406	132	538
<b>Railway, telephone and telegraph .....</b>	<b>7,113</b>	<b>4,527</b>	<b>11,640</b>	<b>5,924</b>	<b>3,950</b>	<b>9,874</b>	<b>5,357</b>	<b>4,630</b>	<b>9,987</b>
49. Railway tracks and roadbed .....	3,699	3,371	7,070	2,882	3,180	6,062	2,539	3,787	6,326
50. Signals and interlockers .....	198	153	351	160	182	342	140	211	351
51. Telegraph and telephone lines, underground and marine cables	3,216	1,003	4,219	2,882	588	3,470	2,678	632	3,310
<b>Gas and oil facilities .....</b>	<b>587</b>	<b>1,103</b>	<b>1,990</b>	<b>603</b>	<b>936</b>	<b>1,539</b>	<b>6,033</b>	<b>930</b>	<b>6,972</b>
52. Gas mains and services .....	-	-	-	-	-	-	-	-	-
53. Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas .....	-	-	-	-	-	-	-	-	-
55. Oil storage tanks .....	446	103	549	411	34	445	92	37	129
56. Gas storage tanks .....	70	-	70	57	1	58	60	2	62
57. Oil pipe lines .....	-	-	-	-	-	-	-	-	-
58. Gas pipe lines .....	-	-	-	35	-	35	81	-	81
59. Oil wells .....	136	-	136	-	-	-	-	-	-
60. Gas wells .....	136	-	136	-	-	-	-	-	-
61. Oil refinery—processing units .....	99	1,000	1,099	100	901	1,001	5,800	900	6,700
62. Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>6,734</b>	<b>2,830</b>	<b>9,564</b>	<b>4,197</b>	<b>1,314</b>	<b>5,511</b>	<b>5,223</b>	<b>1,497</b>	<b>6,720</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,000	1,783	6,783	2,656	537	3,193	3,853	580	4,433
64. Tunnels and subways .....	-	18	18	5	19	24	6	20	26
65. Incinerators .....	319	24	343	73	58	131	5	30	35
66. Park systems, landscaping, sodding, etc. ....	316	232	548	361	241	602	391	254	645
67. Swimming pools, tennis courts, outdoor recreation facilities ..	20	18	38	150	19	169	150	20	170
68. Mine shafts and other below surface workings .....	234	372	606	281	193	474	170	320	490
69. Fences, snowsheds, signs, guard rails .....	407	220	627	390	212	602	415	232	647
70. Other engineering construction .....	438	163	601	281	35	316	233	41	274

TABLE 21. New Brunswick

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>119,513</b>	<b>36,795</b>	<b>156,308</b>	<b>106,170</b>	<b>44,110</b>	<b>150,280</b>	<b>108,388</b>	<b>44,408</b>	<b>152,796</b>
<b>Total building construction .....</b>	<b>62,398</b>	<b>17,046</b>	<b>79,444</b>	<b>59,960</b>	<b>19,240</b>	<b>79,200</b>	<b>65,739</b>	<b>19,879</b>	<b>85,618</b>
<b>Residential .....</b>	<b>25,100</b>	<b>7,800</b>	<b>32,900</b>	<b>28,600</b>	<b>9,700</b>	<b>38,300</b>	<b>30,700</b>	<b>10,300</b>	<b>41,000</b>
<b>Industrial .....</b>	<b>7,823</b>	<b>2,321</b>	<b>10,144</b>	<b>4,633</b>	<b>2,311</b>	<b>6,944</b>	<b>4,123</b>	<b>2,302</b>	<b>6,425</b>
2. Factories, plants, workshops, food canneries .....	6,868	1,368	8,236	3,715	1,395	5,110	3,429	1,333	4,762
3. Mine and mine mill buildings .....	69	17	86	226	70	296	42	19	61
4. Railway stations, offices, roadway buildings .....	557	551	1,108	463	542	1,005	403	613	1,016
5. Railway shops, engine houses, water and fuel stations .....	329	385	714	229	304	533	249	337	586
<b>Commercial .....</b>	<b>13,898</b>	<b>2,985</b>	<b>16,883</b>	<b>11,112</b>	<b>2,521</b>	<b>13,633</b>	<b>9,972</b>	<b>2,376</b>	<b>12,348</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,253	627	2,880	1,064	427	1,491	828	468	1,296
7. Grain elevators .....	108	97	205	2	29	31	2	31	33
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	287	172	459	267	299	566	157	235	392
9. Office buildings .....	4,365	1,156	5,521	4,107	747	4,854	4,678	635	5,313
10. Stores, retail and wholesale .....	3,892	525	4,417	2,185	519	2,704	1,854	540	2,394
11. Garages and service stations .....	1,645	283	1,928	1,616	365	1,981	1,674	336	2,010
12. Theatres, arenas, amusement and recreational buildings ..	1,310	81	1,391	1,557	91	1,648	687	90	777
13. Laundries and dry cleaning establishments .....	38	44	82	314	44	358	92	41	133
<b>Institutional .....</b>	<b>12,260</b>	<b>1,002</b>	<b>13,262</b>	<b>12,497</b>	<b>1,744</b>	<b>14,241</b>	<b>16,214</b>	<b>1,829</b>	<b>18,043</b>
14. Schools and other educational buildings .....	6,808	301	7,109	7,741	254	7,995	9,049	206	9,255
15. Churches and other religious buildings .....	2,632	176	2,808	1,410	180	1,590	1,537	253	1,790
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,770	426	3,196	2,650	530	3,180	4,568	573	5,141
17. Other institutional buildings .....	50	99	149	696	780	1,476	1,060	797	1,857
<b>Other building construction .....</b>	<b>3,317</b>	<b>2,938</b>	<b>6,255</b>	<b>3,118</b>	<b>2,964</b>	<b>6,082</b>	<b>4,730</b>	<b>3,072</b>	<b>7,802</b>
18. Farm buildings (excluding dwellings) .....	1,711	1,229	2,940	1,684	1,190	2,874	1,684	1,204	2,888
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	790	97	887	781	128	909	1,209	126	1,335
20. Aeroplane hangars .....	96	134	230	83	134	217	132	146	278
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	175	1,056	1,231	169	1,063	1,232	241	1,149	1,390
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	490	221	711	303	211	514	1,088	196	1,284
24. Other building construction .....	55	201	256	98	238	336	376	251	627
<b>Total engineering construction .....</b>	<b>57,115</b>	<b>19,749</b>	<b>76,864</b>	<b>46,210</b>	<b>24,870</b>	<b>71,080</b>	<b>42,649</b>	<b>24,529</b>	<b>67,178</b>
<b>Marine construction .....</b>	<b>5,224</b>	<b>595</b>	<b>5,819</b>	<b>4,431</b>	<b>563</b>	<b>4,994</b>	<b>6,628</b>	<b>634</b>	<b>7,262</b>
25. Docks, wharves, piers, breakwaters .....	4,269	350	4,619	3,554	306	3,860	5,399	362	5,761
26. Retaining walls, embankments, riprapping .....	17	—	17	15	—	15	22	—	22
27. Canals and waterways .....	—	25	25	—	3	3	—	2	2
28. Dredging and pile driving .....	843	186	1,029	836	214	1,050	1,159	234	1,393
29. Dyke construction .....	29	—	29	8	—	8	11	—	11
30. Logging booms .....	52	24	76	4	30	34	18	25	43
31. Other marine construction .....	14	10	24	14	10	24	19	11	30



TABLE 21. New Brunswick — Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>20,054</b>	<b>8,260</b>	<b>28,314</b>	<b>15,556</b>	<b>13,867</b>	<b>29,423</b>	<b>15,179</b>	<b>12,583</b>	<b>27,762</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	16,354	821	17,175	12,010	1,863	13,873	11,277	1,576	12,853
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2,418	6,759	9,177	2,350	11,356	13,706	2,542	10,379	12,921
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,017	551	1,568	912	513	1,425	1,066	484	1,550
35. Grading, scraping, oiling, filling .....	—	38	38	—	38	38	—	41	41
36. Sidewalks, paths .....	143	33	176	166	39	205	126	40	166
37. Aerodromes, landing fields, runways, tarmac .....	122	58	180	118	58	176	168	63	231
<b>Waterworks and sewage systems .....</b>	<b>2,070</b>	<b>1,107</b>	<b>3,177</b>	<b>2,784</b>	<b>954</b>	<b>3,738</b>	<b>2,184</b>	<b>1,054</b>	<b>3,238</b>
38. Tile drains, drainage ditches, storm sewers .....	8	90	98	233	85	318	204	80	284
39. Water mains, hydrants and services .....	1,586	840	2,426	998	739	1,737	1,378	818	2,196
40. Sewage systems and connections .....	463	129	592	1,222	118	1,340	280	122	402
41. Pumping stations, water .....	13	46	59	120	9	129	149	31	180
42. Water storage tanks .....	—	2	2	211	3	214	173	3	176
<b>Dams and irrigation .....</b>	<b>280</b>	<b>150</b>	<b>430</b>	<b>271</b>	<b>142</b>	<b>413</b>	<b>388</b>	<b>136</b>	<b>524</b>
43. Dams and reservoirs .....	—	37	37	—	31	31	40	20	60
44. Irrigation and land reclamation projects .....	280	113	393	271	111	382	348	116	464
<b>Electric power construction .....</b>	<b>6,986</b>	<b>816</b>	<b>7,802</b>	<b>8,081</b>	<b>978</b>	<b>9,059</b>	<b>6,939</b>	<b>1,014</b>	<b>7,953</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,715	264	1,979	2,464	242	2,706	959	255	1,214
46. Electric transformer stations .....	1,817	16	1,833	1,296	5	1,301	1,556	10	1,566
47. Power transmission and distribution lines, trolley wires .....	3,254	511	3,765	4,096	694	4,790	4,360	715	5,075
48. Street lighting .....	200	25	225	225	37	262	64	34	98
<b>Railway, telephone and telegraph .....</b>	<b>8,626</b>	<b>6,113</b>	<b>14,739</b>	<b>6,924</b>	<b>6,345</b>	<b>13,269</b>	<b>6,586</b>	<b>7,003</b>	<b>13,589</b>
49. Railway tracks and roadbed .....	5,781	4,820	10,601	4,389	5,084	9,473	3,834	5,719	9,553
50. Signals and interlockers .....	303	336	639	244	240	484	211	378	589
51. Telegraph and telephone lines, underground and marine cables	2,542	957	3,499	2,291	1,021	3,312	2,541	906	3,447
<b>Gas and oil facilities .....</b>	<b>5,006</b>	<b>617</b>	<b>5,623</b>	<b>4,190</b>	<b>42</b>	<b>4,232</b>	<b>159</b>	<b>57</b>	<b>216</b>
52. Gas mains and services .....	38	—	38	—	5	5	—	5	5
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	1,228	48	1,276	160	37	197	131	52	183
56. Gas storage tanks .....	44	—	44	29	—	29	26	—	26
57. Oil pipe lines .....	—	—	—	1	—	1	2	—	2
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	122	—	122	—	—	—	—	—	—
60. Gas wells .....	196	7	203	—	—	—	—	—	—
61. Oil refinery — processing units .....	3,378	562	3,940	4,000	—	4,000	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>8,869</b>	<b>2,091</b>	<b>10,960</b>	<b>3,973</b>	<b>1,979</b>	<b>5,952</b>	<b>4,586</b>	<b>2,048</b>	<b>6,634</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,576	1,655	9,231	3,245	1,508	4,753	3,526	1,610	5,136
64. Tunnels and subways .....	25	8	33	13	41	54	13	9	22
65. Incinerators .....	—	17	17	—	25	25	—	13	13
66. Park systems, landscaping, sodding, etc. ....	239	185	424	71	154	225	98	171	269
67. Swimming pools, tennis courts, outdoor recreation facilities ....	199	13	212	193	12	205	274	13	287
68. Mine shafts and other below surface workings .....	230	—	230	138	43	181	312	6	318
69. Fences, snowsheds, signs, guard rails .....	415	174	589	247	162	409	271	190	461
70. Other engineering construction .....	185	39	224	66	34	100	92	36	128



TABLE 22. Quebec

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,326,860</b>	<b>327,301</b>	<b>1,654,161</b>	<b>1,351,034</b>	<b>339,870</b>	<b>1,690,904</b>	<b>1,465,069</b>	<b>356,118</b>	<b>1,821,187</b>
<b>Total building construction .....</b>	<b>787,894</b>	<b>212,644</b>	<b>1,000,538</b>	<b>871,824</b>	<b>222,962</b>	<b>1,094,786</b>	<b>930,160</b>	<b>232,270</b>	<b>1,162,430</b>
<b>Residential .....</b>	<b>346,500</b>	<b>108,800</b>	<b>455,300</b>	<b>385,000</b>	<b>126,800</b>	<b>511,800</b>	<b>401,700</b>	<b>134,400</b>	<b>536,100</b>
<b>Industrial .....</b>	<b>82,557</b>	<b>33,126</b>	<b>115,683</b>	<b>69,997</b>	<b>31,334</b>	<b>101,331</b>	<b>99,710</b>	<b>31,500</b>	<b>131,210</b>
2. Factories, plants, workshops, food canneries ....	61,535	26,861	88,396	58,109	24,760	82,869	85,073	25,281	110,354
3. Mine and mine mill buildings .....	13,418	2,364	15,782	8,902	2,903	11,805	12,333	2,361	14,694
4. Railway stations, offices, roadway buildings .....	2,799	2,021	4,820	1,732	1,784	3,516	1,388	1,971	3,359
5. Railway shops, engine houses, water and fuel stations .....	4,805	1,880	6,685	1,254	1,887	3,141	916	1,887	2,803
<b>Commercial .....</b>	<b>178,665</b>	<b>29,736</b>	<b>208,401</b>	<b>207,267</b>	<b>26,709</b>	<b>233,976</b>	<b>206,117</b>	<b>27,399</b>	<b>233,516</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	18,967	3,102	22,069	15,833	3,398	19,231	11,661	3,381	15,042
7. Grain elevators .....	3,886	1,333	5,219	3,840	804	4,644	12,376	1,226	13,602
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,560	2,225	10,785	6,559	2,442	9,001	11,430	2,397	13,827
9. Office buildings .....	91,981	12,374	104,355	130,852	10,013	140,865	112,397	10,921	123,318
10. Stores, retail and wholesale .....	40,848	6,999	47,847	23,962	3,403	27,365	40,300	5,714	46,014
11. Garages and service stations .....	8,338	2,824	11,162	18,113	5,821	23,934	7,517	3,002	10,519
12. Theatres, arenas, amusement and recreational buildings .....	6,050	674	6,724	7,862	556	8,418	10,267	461	10,728
13. Laundries and dry cleaning establishments .....	35	205	240	246	272	518	169	297	466
<b>Institutional .....</b>	<b>127,392</b>	<b>21,434</b>	<b>148,826</b>	<b>153,963</b>	<b>18,697</b>	<b>172,660</b>	<b>158,185</b>	<b>19,161</b>	<b>177,346</b>
14. Schools and other educational buildings .....	69,771	7,990	77,761	85,048	8,127	93,175	90,383	9,267	99,650
15. Churches and other religious buildings .....	18,969	3,651	22,620	17,592	3,751	21,343	16,136	2,794	18,930
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	35,989	5,873	41,862	41,913	5,727	47,640	39,445	6,375	45,820
17. Other institutional buildings .....	2,663	3,920	6,583	9,410	1,092	10,502	12,221	725	12,946
<b>Other building construction .....</b>	<b>52,780</b>	<b>19,548</b>	<b>72,328</b>	<b>55,597</b>	<b>19,422</b>	<b>75,019</b>	<b>64,448</b>	<b>19,810</b>	<b>84,258</b>
18. Farm buildings (excluding dwellings) .....	19,406	13,755	33,161	20,693	14,387	35,080	20,995	14,586	35,581
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,897	530	9,427	9,626	438	10,064	9,025	462	9,487
20. Aeroplane hangars .....	5,159	191	5,350	321	168	489	836	183	1,019
21. Passenger terminals, bus, boat or air .....	12,966	265	13,231	17,392	133	17,525	19,386	154	19,540
22. Armouries, barracks, drill halls, etc. ....	432	2,165	2,597	531	2,175	2,706	581	2,359	2,940
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,443	1,463	4,906	3,629	1,178	4,807	10,011	1,154	11,165
24. Other building construction .....	2,457	1,179	3,636	3,405	943	4,348	3,614	912	4,526
<b>Total engineering construction .....</b>	<b>538,966</b>	<b>114,657</b>	<b>653,623</b>	<b>479,210</b>	<b>116,908</b>	<b>596,118</b>	<b>534,909</b>	<b>123,848</b>	<b>658,757</b>
<b>Marine construction .....</b>	<b>43,068</b>	<b>6,029</b>	<b>49,097</b>	<b>41,687</b>	<b>5,074</b>	<b>46,761</b>	<b>19,121</b>	<b>5,304</b>	<b>24,425</b>
25. Docks, wharves, piers, breakwaters .....	20,745	3,359	24,104	28,681	3,139	31,820	11,074	3,195	14,269
26. Retaining walls, embankments, riprapping .....	596	203	799	769	216	985	783	221	1,004
27. Canals and waterways .....	4,390	403	4,793	1,067	343	1,410	168	401	569
28. Dredging and pile driving .....	17,162	832	17,994	10,939	841	11,780	7,010	928	7,938
29. Dyke construction .....	2	2	4	2	—	2	—	—	—
30. Logging booms .....	137	358	495	163	285	448	53	449	502
31. Other marine construction .....	36	872	908	66	250	316	33	110	143

TABLE 22. Quebec - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>128, 478</b>	<b>35, 325</b>	<b>163, 803</b>	<b>136, 067</b>	<b>36, 745</b>	<b>172, 812</b>	<b>164, 414</b>	<b>36, 814</b>	<b>201, 228</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	85, 966	24, 455	110, 421	101, 231	28, 298	129, 529	127, 056	28, 510	155, 566
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	27, 093	6, 330	33, 423	18, 498	5, 244	23, 742	19, 502	4, 855	24, 357
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2, 821	1, 939	4, 760	1, 610	1, 225	2, 835	1, 932	1, 502	3, 434
35. Grading, scraping, oiling, filling .....	2, 887	385	3, 272	2, 516	300	2, 816	2, 522	277	2, 799
36. Sidewalks, paths .....	2, 572	1, 963	4, 535	2, 608	1, 410	4, 018	2, 860	1, 397	4, 257
37. Aerodromes, landing fields, runways, tarmac .....	7, 139	253	7, 392	9, 604	268	9, 872	10, 542	273	10, 815
<b>Waterworks and sewage systems .....</b>	<b>43, 190</b>	<b>12, 407</b>	<b>55, 597</b>	<b>43, 400</b>	<b>10, 890</b>	<b>54, 290</b>	<b>40, 217</b>	<b>14, 474</b>	<b>54, 691</b>
38. Tile drains, drainage ditches, storm sewers .....	5, 449	3, 764	9, 213	5, 049	2, 631	7, 680	5, 411	2, 603	8, 014
39. Water mains, hydrants and services .....	13, 990	4, 413	18, 403	16, 293	4, 694	20, 987	13, 418	5, 331	18, 749
40. Sewage systems and connections .....	18, 243	2, 304	20, 547	18, 007	1, 652	19, 659	19, 086	1, 627	20, 713
41. Pumping stations, water .....	4, 685	1, 853	6, 538	3, 750	1, 895	5, 645	1, 613	1, 573	3, 186
42. Water storage tanks .....	823	73	896	301	18	319	689	3, 340	4, 029
<b>Dams and irrigation .....</b>	<b>35, 511</b>	<b>2, 412</b>	<b>37, 923</b>	<b>29, 513</b>	<b>2, 020</b>	<b>31, 533</b>	<b>37, 041</b>	<b>1, 971</b>	<b>39, 012</b>
43. Dams and reservoirs .....	34, 413	822	35, 235	28, 402	620	29, 022	35, 931	557	36, 488
44. Irrigation and land reclamation projects .....	1, 098	1, 590	2, 688	1, 111	1, 400	2, 511	1, 110	1, 414	2, 524
<b>Electric power construction .....</b>	<b>93, 928</b>	<b>10, 455</b>	<b>104, 383</b>	<b>93, 133</b>	<b>11, 968</b>	<b>105, 101</b>	<b>115, 236</b>	<b>11, 606</b>	<b>126, 842</b>
45. Electric power generating plants, including water conveying and controlling structures .....	39, 739	4, 368	44, 107	35, 717	2, 380	38, 097	53, 950	2, 202	56, 152
46. Electric transformer stations .....	19, 759	2, 677	22, 436	19, 949	3, 472	23, 421	26, 041	3, 153	29, 194
47. Power transmission and distribution lines, trolley wires .....	33, 238	3, 163	36, 401	36, 200	5, 635	41, 835	34, 654	5, 957	40, 611
48. Street lighting .....	1, 192	247	1, 439	1, 267	481	1, 748	591	294	885
<b>Railway, telephone and telegraph .....</b>	<b>100, 183</b>	<b>29, 186</b>	<b>129, 369</b>	<b>55, 797</b>	<b>30, 361</b>	<b>86, 158</b>	<b>56, 714</b>	<b>33, 755</b>	<b>90, 469</b>
49. Railway tracks and roadbed .....	57, 987	17, 408	75, 395	20, 486	18, 661	39, 147	15, 842	21, 608	37, 350
50. Signals and interlockers .....	1, 133	1, 523	2, 656	696	1, 386	2, 082	617	1, 571	2, 188
51. Telegraph and telephone lines, underground and marine cables	41, 063	10, 255	51, 318	34, 615	10, 314	44, 929	40, 255	10, 676	50, 931
<b>Gas and oil facilities .....</b>	<b>26, 642</b>	<b>8, 803</b>	<b>35, 447</b>	<b>11, 779</b>	<b>10, 228</b>	<b>22, 007</b>	<b>17, 548</b>	<b>10, 198</b>	<b>27, 746</b>
52. Gas mains and services .....	4, 096	1, 033	5, 129	2, 467	1, 018	3, 485	2, 777	1, 109	3, 886
53. Pumping stations, oil .....	61	52	113	58	38	96	82	30	112
54. Pumping stations, gas .....	198	—	198	—	—	—	—	—	—
55. Oil storage tanks .....	6, 775	806	7, 581	2, 813	527	3, 340	2, 736	487	3, 223
56. Gas storage tanks .....	609	24	633	1, 007	72	1, 079	1, 367	31	1, 398
57. Oil pipe lines .....	1, 019	112	1, 131	133	316	449	798	342	1, 140
58. Gas pipe lines .....	141	25	166	30	19	49	162	9	171
59. Oil wells .....	—	—	—	35	—	35	107	—	107
60. Gas wells .....	—	—	—	35	—	35	107	—	107
61. Oil refinery—processing units .....	13, 743	6, 753	20, 496	5, 201	8, 220	13, 421	9, 412	8, 172	17, 584
62. Natural gas cleaning plants .....	—	—	—	—	18	18	—	18	18
<b>Other engineering construction .....</b>	<b>67, 966</b>	<b>10, 038</b>	<b>78, 004</b>	<b>67, 834</b>	<b>9, 622</b>	<b>77, 456</b>	<b>84, 618</b>	<b>9, 726</b>	<b>94, 344</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	49, 288	4, 814	54, 102	45, 657	5, 147	50, 804	46, 817	5, 039	51, 856
64. Tunnels and subways .....	1, 576	39	1, 615	1, 553	102	1, 655	10, 121	268	10, 389
65. Incinerators .....	429	14	443	411	10	421	610	11	621
66. Park systems, landscaping, sodding, etc. ....	1, 985	1, 177	3, 162	2, 079	760	2, 839	2, 507	786	3, 273
67. Swimming pools, tennis courts, outdoor recreational facilities	1, 465	458	1, 923	1, 461	321	1, 782	1, 603	320	1, 923
68. Mine shafts and other below surface workings .....	5, 240	498	5, 738	6, 242	331	6, 573	10, 344	339	10, 683
69. Fences, snowsheds, signs, guard rails .....	1, 718	1, 533	3, 251	1, 756	1, 434	3, 190	1, 807	1, 469	3, 276
70. Other engineering construction .....	6, 265	1, 505	7, 770	8, 675	1, 517	10, 192	10, 809	1, 514	12, 323



TABLE 23. Ontario

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,827,436</b>	<b>505,464</b>	<b>2,332,900</b>	<b>1,832,129</b>	<b>507,794</b>	<b>2,339,923</b>	<b>2,034,676</b>	<b>530,682</b>	<b>2,565,358</b>
<b>Total building construction .....</b>	<b>1,200,212</b>	<b>316,504</b>	<b>1,516,716</b>	<b>1,181,556</b>	<b>317,879</b>	<b>1,499,435</b>	<b>1,331,907</b>	<b>327,427</b>	<b>1,659,334</b>
<b>Residential .....</b>	<b>551,000</b>	<b>172,700</b>	<b>723,700</b>	<b>543,300</b>	<b>179,600</b>	<b>722,900</b>	<b>568,700</b>	<b>190,300</b>	<b>759,000</b>
<b>Industrial .....</b>	<b>143,269</b>	<b>54,973</b>	<b>198,242</b>	<b>118,651</b>	<b>51,908</b>	<b>170,559</b>	<b>146,880</b>	<b>53,763</b>	<b>200,643</b>
2. Factories, plants, workshops, food canneries .....	131,913	44,600	176,513	106,934	41,642	148,576	134,698	42,660	177,358
3. Mine and mine mill buildings .....	5,716	4,502	10,218	6,880	4,360	11,240	7,489	4,291	11,780
4. Railway stations, offices, roadway buildings .....	3,636	3,717	7,353	3,325	3,896	7,221	3,363	4,472	7,835
5. Railway shops, engine houses, water and fuel stations .....	2,004	2,154	4,158	1,512	2,010	3,522	1,330	2,340	3,670
<b>Commercial .....</b>	<b>230,101</b>	<b>42,718</b>	<b>272,819</b>	<b>244,656</b>	<b>39,041</b>	<b>283,697</b>	<b>254,950</b>	<b>36,315</b>	<b>291,265</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,572	4,553	25,125	18,986	3,968	22,954	20,021	3,640	23,661
7. Grain elevators .....	1,235	1,444	2,679	5,668	1,014	6,682	3,619	416	4,035
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	9,442	3,725	13,167	6,514	3,479	9,993	12,434	3,347	15,781
9. Office buildings .....	104,925	16,313	121,238	110,295	14,226	124,521	112,521	13,581	126,102
10. Stores, retail and wholesale .....	62,368	10,781	73,149	73,696	10,054	83,750	79,272	9,485	88,757
11. Garages and service stations .....	19,255	4,351	23,606	14,118	4,901	19,019	15,657	4,545	20,202
12. Theatres, arenas, amusement and recreational buildings .....	12,020	1,295	13,315	14,388	1,173	15,561	11,362	1,079	12,441
13. Laundries and dry cleaning establishments .....	284	256	540	991	228	1,217	64	222	286
<b>Institutional .....</b>	<b>200,258</b>	<b>17,504</b>	<b>217,762</b>	<b>207,180</b>	<b>17,994</b>	<b>225,174</b>	<b>290,264</b>	<b>17,476</b>	<b>307,740</b>
14. Schools and other educational buildings .....	107,594	7,532	115,126	102,242	7,361	109,603	173,626	7,067	180,693
15. Churches and other religious buildings .....	18,196	3,182	21,378	16,295	2,660	18,955	24,304	2,130	26,434
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	56,960	4,169	61,129	69,516	6,303	75,819	79,262	6,671	85,933
17. Other institutional buildings .....	17,508	2,621	20,129	19,127	1,670	20,797	13,072	1,608	14,680
<b>Other building construction .....</b>	<b>75,584</b>	<b>28,609</b>	<b>104,193</b>	<b>67,769</b>	<b>29,336</b>	<b>97,105</b>	<b>71,113</b>	<b>29,573</b>	<b>100,686</b>
18. Farm buildings (excluding dwellings) .....	28,704	20,272	48,976	28,868	20,751	49,619	28,907	20,937	49,844
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	20,313	517	20,830	16,641	591	17,232	17,602	591	18,193
20. Aeroplane hangars .....	3,316	820	4,136	3,235	799	4,034	4,272	817	5,089
21. Passenger terminals, bus, boat or air .....	6,760	128	6,888	6,228	79	6,307	6,629	59	6,688
22. Armouries, barracks, drill halls, etc. ....	3,468	5,157	8,625	3,215	5,278	8,493	3,446	5,629	9,075
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,713	630	6,343	1,890	681	2,571	4,603	611	5,214
24. Other building construction .....	7,310	1,085	8,395	7,692	1,157	8,849	5,654	929	6,583
<b>Total engineering construction .....</b>	<b>627,224</b>	<b>188,960</b>	<b>816,184</b>	<b>650,573</b>	<b>189,915</b>	<b>840,488</b>	<b>702,769</b>	<b>203,255</b>	<b>906,024</b>
<b>Marine construction .....</b>	<b>21,112</b>	<b>4,314</b>	<b>25,426</b>	<b>15,539</b>	<b>3,234</b>	<b>18,773</b>	<b>13,245</b>	<b>3,277</b>	<b>16,522</b>
25. Docks, wharves, piers, breakwaters .....	10,532	1,027	11,559	8,221	758	8,979	9,943	940	10,883
26. Retaining walls, embankments, riprapping .....	3,089	83	3,152	42	58	100	254	56	320
27. Canals and waterways .....	705	980	1,685	1,763	1,084	2,847	1,893	1,312	3,205
28. Dredging and pile driving .....	6,631	1,605	8,236	3,656	1,079	4,735	1,038	719	1,757
29. Dyke construction .....	11	18	29	145	10	155	10	11	21
30. Logging booms .....	41	279	320	2	218	220	16	212	228
31. Other marine construction .....	103	342	445	1,710	27	1,737	81	27	108



TABLE 23. Ontario - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>186,711</b>	<b>65,219</b>	<b>251,930</b>	<b>182,308</b>	<b>64,833</b>	<b>247,141</b>	<b>189,043</b>	<b>67,009</b>	<b>256,052</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	143,726	33,980	177,706	140,168	34,661	174,829	144,075	35,739	179,814
33. Gravel or stone streets, highways, roads, parking lots, etc.....	29,301	24,507	53,808	29,764	24,418	54,182	30,887	25,337	56,224
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,389	3,455	4,844	1,844	2,591	4,435	1,857	2,610	4,467
35. Grading, scraping, oiling, filling .....	587	286	873	521	186	707	430	188	618
36. Sidewalks, paths .....	4,767	1,892	6,659	4,729	1,864	6,593	4,910	1,948	6,858
37. Aerodromes, landing fields, runways, tarmac.....	6,941	1,099	8,040	5,282	1,113	6,395	6,884	1,187	8,071
<b>Waterworks and sewage systems .....</b>	<b>86,423</b>	<b>13,098</b>	<b>99,521</b>	<b>78,899</b>	<b>13,072</b>	<b>91,971</b>	<b>124,677</b>	<b>14,636</b>	<b>139,313</b>
38. Tile drains, drainage ditches, storm sewers .....	3,930	2,975	6,905	2,961	3,082	6,043	2,750	2,977	5,727
39. Water mains, hydrants and services .....	22,073	4,894	26,967	16,469	4,737	21,206	26,797	6,352	33,149
40. Sewage systems and connections .....	53,335	4,099	57,434	51,895	4,068	55,963	87,942	3,855	91,797
41. Pumping stations, water .....	6,324	1,052	7,376	6,560	1,084	7,644	5,434	1,358	6,792
42. Water storage tanks .....	761	78	839	1,014	101	1,115	1,754	94	1,848
<b>Dams and irrigation .....</b>	<b>3,557</b>	<b>1,432</b>	<b>4,989</b>	<b>2,934</b>	<b>1,527</b>	<b>4,461</b>	<b>4,052</b>	<b>1,577</b>	<b>5,629</b>
43. Dams and reservoirs .....	1,989	292	2,281	1,343	346	1,689	2,447	393	2,840
44. Irrigation and land reclamation projects .....	1,568	1,140	2,708	1,591	1,181	2,772	1,605	1,184	2,789
<b>Electric power construction .....</b>	<b>93,447</b>	<b>24,975</b>	<b>118,422</b>	<b>127,907</b>	<b>27,359</b>	<b>155,266</b>	<b>105,645</b>	<b>28,962</b>	<b>134,607</b>
45. Electric power generating plants, including water conveying and controlling structures .....	43,690	4,598	48,288	72,353	4,764	77,117	46,665	5,039	51,704
46. Electric transformer stations .....	7,853	3,761	11,614	11,875	3,830	15,705	12,132	4,158	16,290
47. Power transmission and distribution lines, trolley wires .....	38,213	14,078	52,291	39,589	15,945	55,534	43,307	16,831	60,138
48. Street lighting .....	3,691	2,538	6,229	4,090	2,820	6,910	3,541	2,934	6,475
<b>Railway, telephone and telegraph .....</b>	<b>91,194</b>	<b>51,859</b>	<b>143,053</b>	<b>77,508</b>	<b>51,180</b>	<b>128,688</b>	<b>83,974</b>	<b>57,460</b>	<b>141,434</b>
49. Railway tracks and roadbed .....	39,856	33,045	72,901	32,752	34,997	67,749	33,945	40,134	74,079
50. Signals and interlockers .....	2,503	2,552	5,055	1,718	2,478	4,196	1,695	2,769	4,464
51. Telegraph and telephone lines, underground and marine cables .....	48,835	16,262	65,097	43,038	13,705	56,743	48,334	14,557	62,891
<b>Gas and oil facilities .....</b>	<b>54,100</b>	<b>15,004</b>	<b>69,104</b>	<b>58,457</b>	<b>16,373</b>	<b>74,830</b>	<b>81,192</b>	<b>17,308</b>	<b>98,500</b>
52. Gas mains and services .....	25,917	2,812	28,729	30,073	2,911	32,984	28,810	2,972	31,782
53. Pumping stations, oil .....	224	164	388	322	162	484	953	156	1,109
54. Pumping stations, gas .....	8,591	1	8,592	1,057	—	1,057	14,239	—	14,239
55. Oil storage tanks .....	2,627	640	3,267	2,765	617	3,382	4,080	512	4,592
56. Gas storage tanks .....	253	10	263	404	—	404	361	1	362
57. Oil pipe lines .....	476	333	809	4,256	444	4,700	95	635	730
58. Gas pipe lines .....	3,390	419	3,809	2,931	293	3,224	866	218	1,084
59. Oil wells .....	646	65	711	649	41	690	809	53	862
60. Gas wells .....	1,043	149	1,192	759	226	985	561	234	795
61. Oil refinery — processing units .....	10,850	10,411	21,261	15,241	11,679	26,920	30,418	12,527	42,945
62. Natural gas cleaning plants .....	83	—	83	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>90,680</b>	<b>13,059</b>	<b>103,739</b>	<b>107,021</b>	<b>12,337</b>	<b>119,358</b>	<b>100,941</b>	<b>13,026</b>	<b>113,967</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	54,486	5,984	60,470	69,549	6,207	75,756	57,652	6,447	64,099
64. Tunnels and subways .....	19,231	65	19,296	19,792	377	20,169	23,921	370	24,291
65. Incinerators .....	79	1,440	1,519	117	278	395	362	282	644
66. Park systems, landscaping, sodding, etc. ....	723	848	1,571	1,637	900	2,537	1,628	891	2,519
67. Swimming pools, tennis courts, outdoor recreation facilities....	192	402	594	1,346	498	1,844	2,466	581	3,047
68. Mine shafts and other below surface workings .....	8,378	885	9,263	9,159	580	9,739	9,814	651	10,465
69. Fences, snowsheds, signs, guard rails .....	3,188	2,139	5,327	2,475	2,031	4,506	2,517	2,148	4,665
70. Other engineering construction .....	4,403	1,296	5,699	2,946	1,466	4,412	2,581	1,656	4,237

TABLE 24. Manitoba

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>307,669</b>	<b>88,929</b>	<b>396,598</b>	<b>293,557</b>	<b>88,725</b>	<b>382,282</b>	<b>314,763</b>	<b>91,211</b>	<b>405,974</b>
<b>Total building construction .....</b>	<b>179,020</b>	<b>51,824</b>	<b>230,844</b>	<b>160,989</b>	<b>49,756</b>	<b>210,745</b>	<b>156,131</b>	<b>51,578</b>	<b>207,709</b>
<b>Residential .....</b>	<b>73,300</b>	<b>22,800</b>	<b>96,100</b>	<b>67,100</b>	<b>22,300</b>	<b>89,400</b>	<b>70,500</b>	<b>23,600</b>	<b>94,100</b>
<b>Industrial .....</b>	<b>23,945</b>	<b>6,340</b>	<b>30,285</b>	<b>11,313</b>	<b>5,113</b>	<b>16,426</b>	<b>8,777</b>	<b>5,477</b>	<b>14,254</b>
2. Factories, plants, workshops, food canneries .....	14,047	3,708	17,755	7,127	2,404	9,531	4,586	2,678	7,264
3. Mine and mine mill buildings .....	8,055	130	8,185	1,610	226	1,836	2,356	244	2,600
4. Railway stations, offices, roadway buildings .....	1,237	1,340	2,577	1,319	1,332	2,651	1,009	1,442	2,451
5. Railway shops, engine houses, water and fuel stations .....	606	1,162	1,768	1,257	1,151	2,408	826	1,113	1,939
<b>Commercial .....</b>	<b>37,044</b>	<b>6,068</b>	<b>43,112</b>	<b>28,097</b>	<b>5,603</b>	<b>33,700</b>	<b>30,358</b>	<b>5,306</b>	<b>35,664</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	8,439	737	9,176	4,632	791	5,423	2,541	819	3,360
7. Grain elevators .....	1,161	713	1,874	1,201	656	1,857	559	530	1,089
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	2,774	742	3,516	2,349	554	2,903	2,323	499	2,822
9. Office buildings .....	11,006	1,214	12,220	9,705	1,172	10,877	14,540	1,181	15,721
10. Stores, retail and wholesale .....	8,924	1,807	10,731	6,133	1,633	7,766	6,547	1,452	7,999
11. Garages and service stations .....	2,120	400	2,520	1,225	453	1,678	1,094	489	1,583
12. Theatres, arenas, amusement and recreational buildings ..	2,591	365	2,956	2,804	261	3,065	2,717	268	2,985
13. Laundries and dry cleaning establishments .....	29	90	119	48	83	131	37	68	105
<b>Institutional .....</b>	<b>33,548</b>	<b>7,906</b>	<b>41,454</b>	<b>41,991</b>	<b>8,012</b>	<b>50,003</b>	<b>32,948</b>	<b>8,130</b>	<b>41,258</b>
14. Schools and other educational buildings .....	24,323	6,753	31,076	30,147	7,059	37,206	20,756	7,183	27,939
15. Churches and other religious buildings .....	2,226	113	2,339	3,766	68	3,834	1,655	72	1,727
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,818	792	6,610	6,170	697	6,867	5,384	944	6,328
17. Other institutional buildings .....	1,181	248	1,429	1,908	188	2,096	5,153	111	5,264
<b>Other building construction .....</b>	<b>11,183</b>	<b>8,710</b>	<b>19,893</b>	<b>12,488</b>	<b>8,728</b>	<b>21,216</b>	<b>13,548</b>	<b>8,885</b>	<b>22,433</b>
18. Farm buildings (excluding dwellings) .....	7,992	5,823	13,815	7,831	5,712	13,543	7,820	5,716	13,536
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,743	202	1,945	2,540	236	2,776	3,172	249	3,421
20. Aeroplane hangars .....	150	238	388	192	239	431	204	253	457
21. Passenger terminals, bus, boat or air .....	303	62	365	442	65	507	452	58	510
22. Armouries, barracks, drill halls, etc. ....	200	1,422	1,622	292	1,442	1,734	295	1,541	1,836
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	175	98	273	283	114	397	754	102	856
24. Other building construction .....	620	865	1,485	908	920	1,828	851	966	1,817
<b>Total engineering construction .....</b>	<b>128,649</b>	<b>37,105</b>	<b>165,754</b>	<b>132,568</b>	<b>38,969</b>	<b>171,537</b>	<b>158,632</b>	<b>39,633</b>	<b>198,265</b>
<b>Marine construction .....</b>	<b>787</b>	<b>474</b>	<b>1,261</b>	<b>3,067</b>	<b>512</b>	<b>3,579</b>	<b>3,991</b>	<b>554</b>	<b>4,545</b>
25. Docks, wharves, piers, breakwaters .....	502	219	721	1,156	213	1,369	1,221	232	1,453
26. Retaining walls, embankments, riprapping .....	13	1	14	1,497	47	1,544	2,330	46	2,376
27. Canals and waterways .....	16	—	16	23	—	23	24	—	24
28. Dredging and pile driving .....	247	216	463	375	232	607	400	255	655
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	1	20	21	1	21	22
31. Other marine construction .....	9	38	47	15	—	15	15	—	15



TABLE 24. Manitoba — Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>40,871</b>	<b>9,430</b>	<b>50,301</b>	<b>39,983</b>	<b>7,685</b>	<b>47,668</b>	<b>39,760</b>	<b>7,670</b>	<b>47,430</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	16,984	2,140	19,124	16,695	2,132	18,827	17,092	2,056	19,148
33. Gravel or stone streets, highways, roads, parking lots, etc.....	8,952	4,043	12,995	7,739	3,177	10,916	7,207	3,273	10,480
34. Dirt, clay or other streets, roads, parking lots, etc.....	2,019	1,691	3,710	1,891	938	2,829	2,045	910	2,955
35. Grading, scraping, oiling, filling .....	10,737	1,169	11,906	10,662	1,062	11,724	10,525	1,061	11,586
36. Sidewalks, paths.....	452	302	754	477	291	768	342	279	621
37. Aerodromes, landing fields, runways, tarmac.....	1,727	85	1,812	2,519	85	2,604	2,549	91	2,640
<b>Waterworks and sewage systems.....</b>	<b>7,139</b>	<b>1,733</b>	<b>8,872</b>	<b>9,608</b>	<b>2,902</b>	<b>12,510</b>	<b>15,742</b>	<b>2,927</b>	<b>18,669</b>
38. Tile drains, drainage ditches, storm sewers .....	910	298	1,208	1,778	1,358	3,136	2,787	1,479	4,266
39. Water mains, hydrants and services.....	2,703	1,034	3,737	4,782	1,096	5,878	5,023	1,087	6,110
40. Sewage systems and connections.....	2,666	374	3,040	2,669	407	3,076	3,384	330	3,714
41. Pumping stations, water .....	851	26	877	166	41	207	1,138	30	1,168
42. Water storage tanks .....	9	1	10	213	—	213	3,410	1	3,411
<b>Dams and irrigation.....</b>	<b>1,662</b>	<b>601</b>	<b>2,263</b>	<b>1,382</b>	<b>630</b>	<b>2,012</b>	<b>1,390</b>	<b>640</b>	<b>2,030</b>
43. Dams and reservoirs.....	1,004	144	1,148	637	179	816	641	180	821
44. Irrigation and land reclamation projects .....	658	457	1,115	745	451	1,196	749	460	1,209
<b>Electric power construction.....</b>	<b>21,071</b>	<b>1,766</b>	<b>22,837</b>	<b>36,173</b>	<b>2,631</b>	<b>38,804</b>	<b>49,298</b>	<b>2,671</b>	<b>51,969</b>
45. Electric power generating plants, including water conveying and controlling structures .....	12,227	637	12,864	20,165	1,606	21,771	21,140	1,580	22,720
46. Electric transformer stations .....	954	208	1,162	3,475	186	3,661	6,114	183	6,297
47. Power transmission and distribution lines, trolley wires.....	6,803	871	7,674	10,855	523	11,378	20,334	522	20,856
48. Street lighting .....	1,087	50	1,137	1,678	316	1,994	1,710	386	2,096
<b>Railway, telephone and telegraph.....</b>	<b>21,003</b>	<b>16,161</b>	<b>37,164</b>	<b>17,994</b>	<b>16,926</b>	<b>34,920</b>	<b>15,880</b>	<b>17,757</b>	<b>33,637</b>
49. Railway tracks and roadbed .....	13,394	12,026	25,420	10,681	12,325	23,006	10,110	13,073	23,183
50. Signals and interlockers .....	567	569	1,136	525	839	1,364	471	875	1,346
51. Telegraph and telephone lines, underground and marine cables	7,042	3,566	10,608	6,788	3,762	10,550	5,299	3,809	9,108
<b>Gas and oil facilities .....</b>	<b>22,484</b>	<b>1,603</b>	<b>24,087</b>	<b>12,185</b>	<b>1,409</b>	<b>13,594</b>	<b>16,210</b>	<b>1,565</b>	<b>17,775</b>
52. Gas mains and services.....	4,942	511	5,453	4,981	—	4,981	4,886	—	4,886
53. Pumping stations, oil.....	1,582	231	1,813	—	209	209	499	212	711
54. Pumping stations, gas .....	5,769	—	5,769	2,522	—	2,522	4,237	—	4,237
55. Oil storage tanks .....	423	136	559	207	73	280	174	71	245
56. Gas storage tanks.....	2,187	—	2,187	3,916	—	3,916	3,057	—	3,057
57. Oil pipe lines .....	62	68	130	217	80	297	1,559	86	1,645
58. Gas pipe lines .....	6,639	—	6,639	106	—	106	253	—	253
59. Oil wells .....	668	223	891	122	230	352	595	246	841
60. Gas wells.....	—	—	—	—	—	—	—	—	—
61. Oil refinery — processing units .....	212	434	646	114	817	931	950	950	1,900
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>13,632</b>	<b>5,337</b>	<b>18,969</b>	<b>12,176</b>	<b>6,274</b>	<b>18,450</b>	<b>16,361</b>	<b>5,849</b>	<b>22,210</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	7,677	2,128	9,805	6,152	1,975	8,127	9,892	2,046	11,938
64. Tunnels and subways.....	—	—	—	61	—	61	65	—	65
65. Incinerators .....	1,086	—	1,086	422	26	448	9	55	64
66. Park systems, landscaping, sodding, etc. ....	170	181	351	145	136	281	170	147	317
67. Swimming pools, tennis courts, outdoor recreation facilities ..	323	100	423	558	212	770	1,007	288	1,295
68. Mine shafts and other below surface workings.....	3,044	718	3,762	3,540	659	4,199	3,909	617	4,526
69. Fences, snowsheds, signs, guard rails.....	1,080	741	1,821	978	634	1,612	952	664	1,616
70. Other engineering construction.....	252	1,469	1,721	320	2,632	2,952	357	2,032	2,389



TABLE 25. Saskatchewan

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>293,047</b>	<b>85,888</b>	<b>378,935</b>	<b>310,702</b>	<b>87,762</b>	<b>398,464</b>	<b>310,707</b>	<b>91,526</b>	<b>402,233</b>
<b>Total building construction .....</b>	<b>140,941</b>	<b>47,383</b>	<b>188,324</b>	<b>144,265</b>	<b>47,411</b>	<b>191,676</b>	<b>157,224</b>	<b>48,715</b>	<b>205,939</b>
<b>Residential .....</b>	<b>63,500</b>	<b>20,100</b>	<b>83,600</b>	<b>66,700</b>	<b>21,800</b>	<b>88,500</b>	<b>69,000</b>	<b>23,100</b>	<b>92,100</b>
<b>Industrial .....</b>	<b>6,317</b>	<b>2,994</b>	<b>9,311</b>	<b>8,784</b>	<b>2,868</b>	<b>11,652</b>	<b>9,599</b>	<b>3,155</b>	<b>12,754</b>
2. Factories, plants, workshops, food canneries .....	3,575	1,387	4,962	5,472	1,093	6,565	4,925	1,214	6,139
3. Mine and mine mill buildings .....	1,208	149	1,357	1,890	123	2,013	3,326	123	3,449
4. Railway stations, offices, roadway buildings .....	983	1,009	1,992	976	1,174	2,150	963	1,309	2,272
5. Railway shops, engine houses, water and fuel stations .....	551	449	1,000	446	478	924	385	509	894
<b>Commercial .....</b>	<b>26,664</b>	<b>7,215</b>	<b>33,879</b>	<b>25,614</b>	<b>5,961</b>	<b>31,575</b>	<b>21,741</b>	<b>5,616</b>	<b>27,357</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,168	478	2,646	3,384	540	3,924	1,102	547	1,649
7. Grain elevators .....	4,821	2,466	7,287	4,951	2,227	7,178	2,188	1,669	3,857
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,684	569	3,253	1,977	388	2,365	1,171	618	1,789
9. Office buildings .....	7,105	1,731	8,836	8,196	1,154	9,350	10,436	1,310	11,746
10. Stores, retail and wholesale .....	6,388	1,355	7,743	4,894	1,047	5,941	4,251	975	5,226
11. Garages and service stations .....	2,548	388	2,936	1,211	311	1,522	1,243	310	1,553
12. Theatres, arenas, amusement and recreational buildings .....	905	199	1,104	992	249	1,241	1,341	160	1,501
13. Laundries and dry cleaning establishments .....	45	29	74	9	45	54	9	27	36
<b>Institutional .....</b>	<b>27,025</b>	<b>4,933</b>	<b>31,958</b>	<b>25,818</b>	<b>4,852</b>	<b>30,670</b>	<b>37,742</b>	<b>4,907</b>	<b>42,649</b>
14. Schools and other educational buildings .....	16,513	2,893	19,406	17,562	3,420	20,982	18,033	3,455	21,488
15. Churches and other religious buildings .....	3,120	599	3,719	2,096	184	2,280	3,783	143	3,926
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,773	1,098	6,871	4,777	1,061	5,838	13,636	996	14,632
17. Other institutional buildings .....	1,619	343	1,962	1,383	187	1,570	2,290	313	2,603
<b>Other building construction .....</b>	<b>17,435</b>	<b>12,141</b>	<b>29,576</b>	<b>17,349</b>	<b>11,930</b>	<b>29,279</b>	<b>19,142</b>	<b>11,937</b>	<b>31,079</b>
18. Farm buildings (excluding dwellings) .....	15,939	11,539	27,478	15,548	11,246	26,794	15,570	11,245	26,815
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	611	86	697	696	77	773	2,206	84	2,290
20. Aeroplane hangars .....	10	77	87	10	90	100	12	86	98
21. Passenger terminals, bus, boat or air .....	263	—	263	272	10	282	307	13	320
22. Armouries, barracks, drill halls, etc. ....	72	252	324	75	262	337	84	269	353
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	67	119	186	178	93	271	138	75	213
24. Other building construction .....	473	68	541	570	152	722	825	165	990
<b>Total engineering construction .....</b>	<b>152,106</b>	<b>38,505</b>	<b>190,611</b>	<b>166,437</b>	<b>40,351</b>	<b>206,788</b>	<b>153,483</b>	<b>42,811</b>	<b>196,294</b>
<b>Marine construction .....</b>	<b>85</b>	<b>42</b>	<b>127</b>	<b>185</b>	<b>79</b>	<b>264</b>	<b>223</b>	<b>71</b>	<b>294</b>
25. Docks, wharves, piers, breakwaters .....	58	41	99	58	78	136	147	70	217
26. Retaining walls, embankments, riprapping .....	7	—	7	7	—	7	8	—	8
27. Canals and waterways .....	2	—	2	2	—	2	2	—	2
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	99	—	99	45	—	45
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	18	1	19	19	1	20	21	1	22

TABLE 25. Saskatchewan — Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>33,055</b>	<b>11,734</b>	<b>44,789</b>	<b>29,633</b>	<b>10,481</b>	<b>40,114</b>	<b>32,086</b>	<b>11,837</b>	<b>43,923</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	11,524	2,373	13,897	12,725	2,605	15,330	14,344	3,579	17,923
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,475	6,336	19,811	8,482	5,416	13,898	8,587	5,608	14,195
34. Dirt, clay or other streets, roads, parking lots, etc. ....	5,656	2,748	8,404	6,187	2,194	8,381	6,704	2,391	9,095
35. Grading, scraping, oiling, filling .....	23	34	57	28	29	57	27	30	57
36. Sidewalks, paths .....	1,983	203	2,186	1,803	192	1,995	1,806	177	1,983
37. Aerodromes, landing fields, runways, tarmac .....	394	40	434	408	45	453	618	52	670
<b>Waterworks and sewage systems .....</b>	<b>11,893</b>	<b>1,638</b>	<b>13,531</b>	<b>8,812</b>	<b>1,084</b>	<b>9,896</b>	<b>6,136</b>	<b>1,114</b>	<b>7,250</b>
38. Tile drains, drainage ditches, storm sewers .....	363	92	455	157	126	283	355	101	456
39. Water mains, hydrants and services .....	2,616	731	3,347	1,275	357	1,632	1,077	399	1,476
40. Sewage systems and connections .....	7,271	507	7,778	7,107	508	7,615	4,374	513	4,887
41. Pumping stations, water .....	1,106	264	1,370	273	93	366	330	100	430
42. Water storage tanks .....	537	44	581	—	—	—	—	1	1
<b>Dams and irrigation .....</b>	<b>21,646</b>	<b>2,346</b>	<b>23,992</b>	<b>53,854</b>	<b>2,435</b>	<b>56,289</b>	<b>40,150</b>	<b>2,439</b>	<b>42,589</b>
43. Dams and reservoirs .....	20,757	1,560	22,317	51,192	1,646	52,838	36,408	1,660	38,068
44. Irrigation and land reclamation projects .....	889	786	1,675	2,662	789	3,451	3,742	779	4,521
<b>Electric power construction .....</b>	<b>16,636</b>	<b>2,205</b>	<b>18,843</b>	<b>17,515</b>	<b>1,947</b>	<b>19,462</b>	<b>23,404</b>	<b>2,011</b>	<b>25,415</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,364	503	1,867	4,320	254	4,574	9,874	297	10,171
46. Electric transformer stations .....	2,357	200	2,557	560	34	594	873	37	910
47. Power transmission and distribution lines, trolley wires .....	12,418	1,250	13,668	12,352	1,299	13,651	12,330	1,321	13,651
48. Street lighting .....	499	252	751	283	360	643	327	356	683
<b>Railway, telephone and telegraph .....</b>	<b>16,592</b>	<b>13,420</b>	<b>30,012</b>	<b>12,889</b>	<b>14,011</b>	<b>26,900</b>	<b>15,937</b>	<b>15,297</b>	<b>31,234</b>
49. Railway tracks and roadbed .....	10,634	10,890	21,524	9,306	11,114	20,420	9,384	12,243	21,627
50. Signals and interlockers .....	1,209	434	1,643	505	762	1,267	467	815	1,282
51. Telegraph and telephone lines, underground and marine cables	4,749	2,096	6,845	3,078	2,135	5,213	6,086	2,239	8,325
<b>Gas and oil facilities .....</b>	<b>38,379</b>	<b>3,593</b>	<b>41,972</b>	<b>34,819</b>	<b>4,055</b>	<b>38,874</b>	<b>28,083</b>	<b>3,828</b>	<b>31,911</b>
52. Gas mains and services .....	4,031	276	4,307	3,347	419	3,766	3,870	422	4,292
53. Pumping stations, oil .....	627	266	893	518	264	782	572	268	840
54. Pumping stations, gas .....	12,467	—	12,467	7,010	—	7,010	4,736	—	4,736
55. Oil storage tanks .....	579	190	769	490	144	634	373	128	501
56. Gas storage tanks .....	107	—	107	76	—	76	40	—	40
57. Oil pipe lines .....	324	285	609	492	289	781	272	283	555
58. Gas pipe lines .....	3,725	19	3,744	4,639	17	4,656	2,019	19	2,038
59. Oil wells .....	12,343	1,131	13,474	16,136	1,400	17,536	13,937	1,395	15,332
60. Gas wells .....	1,510	153	1,663	779	128	907	172	124	296
61. Oil refinery—processing units .....	2,666	1,273	3,939	953	712	1,665	1,403	512	1,915
62. Natural gas cleaning plants .....	—	—	—	179	682	861	689	677	1,366
<b>Other engineering construction .....</b>	<b>13,818</b>	<b>3,527</b>	<b>17,345</b>	<b>8,930</b>	<b>6,259</b>	<b>15,189</b>	<b>7,464</b>	<b>6,214</b>	<b>13,678</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,677	1,071	5,748	3,440	1,245	4,685	2,748	1,464	4,212
64. Tunnels and subways .....	4	—	4	32	—	32	60	—	60
65. Incinerators .....	8	10	18	441	25	466	—	15	15
66. Park systems, landscaping, sodding, etc. ....	34	191	225	50	85	135	38	89	127
67. Swimming pools, tennis courts, outdoor recreation facilities ..	10	4	14	308	184	492	472	220	692
68. Mine shafts and other below surface workings .....	6,947	576	7,523	2,809	2,310	5,119	2,012	2,013	4,025
69. Fences, snowsheds, signs, guard rails .....	1,605	1,333	2,938	1,511	1,336	2,847	1,559	1,373	2,932
70. Other engineering construction .....	533	342	875	339	1,074	1,413	575	1,040	1,615



TABLE 26. Alberta

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>665,633</b>	<b>150,160</b>	<b>815,793</b>	<b>734,349</b>	<b>152,344</b>	<b>886,693</b>	<b>645,565</b>	<b>156,583</b>	<b>802,148</b>
<b>Total building construction .....</b>	<b>307,365</b>	<b>81,819</b>	<b>389,184</b>	<b>287,194</b>	<b>84,087</b>	<b>371,281</b>	<b>317,507</b>	<b>87,106</b>	<b>404,612</b>
<b>Residential .....</b>	<b>134,900</b>	<b>42,500</b>	<b>177,400</b>	<b>146,900</b>	<b>48,400</b>	<b>195,300</b>	<b>153,300</b>	<b>51,300</b>	<b>204,600</b>
<b>Industrial .....</b>	<b>19,127</b>	<b>6,241</b>	<b>25,368</b>	<b>9,788</b>	<b>4,912</b>	<b>14,700</b>	<b>13,584</b>	<b>4,863</b>	<b>18,447</b>
2. Factories, plants, workshops, food canneries .....	17,801	4,673	22,474	7,978	3,153	11,131	11,979	2,879	14,858
3. Mine and mine mill buildings .....	71	46	117	192	51	243	220	158	378
4. Railway stations, offices, roadway buildings .....	752	990	1,742	1,191	1,129	2,320	1,033	1,212	2,245
5. Railway shops, engine houses, water and fuel stations .....	503	532	1,035	427	579	1,006	352	614	966
<b>Commercial .....</b>	<b>51,727</b>	<b>13,453</b>	<b>65,180</b>	<b>46,436</b>	<b>11,025</b>	<b>57,461</b>	<b>46,039</b>	<b>10,719</b>	<b>55,758</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,360	1,167	5,527	4,803	1,206	6,009	6,034	1,124	7,158
7. Grain elevators .....	2,002	1,408	3,410	2,617	1,285	3,902	1,194	925	2,119
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	3,209	1,717	4,926	2,844	1,224	4,068	2,071	1,102	3,173
9. Office buildings .....	19,936	5,442	25,378	23,980	4,320	28,300	22,458	4,873	27,331
10. Stores, retail and wholesale .....	14,256	1,852	16,108	6,920	1,862	8,782	5,848	1,652	7,500
11. Garages and service stations .....	5,998	767	6,765	2,555	683	3,238	2,414	640	3,054
12. Theatres, arenas, amusement and recreational buildings ..	1,901	1,038	2,939	2,606	369	2,975	4,791	333	5,124
13. Laundries and dry cleaning establishments .....	65	62	127	111	76	187	229	70	299
<b>Institutional .....</b>	<b>62,613</b>	<b>6,055</b>	<b>68,668</b>	<b>51,364</b>	<b>5,607</b>	<b>56,971</b>	<b>77,882</b>	<b>5,710</b>	<b>83,592</b>
14. Schools and other educational buildings .....	42,196	3,725	45,921	27,196	3,634	30,830	54,011	3,712	57,723
15. Churches and other religious buildings .....	2,850	166	3,016	2,684	87	2,771	2,206	94	2,300
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,490	1,764	12,254	15,066	1,475	16,541	16,943	1,549	18,492
17. Other institutional buildings .....	7,077	400	7,477	6,418	411	6,829	4,722	355	5,077
<b>Other building construction .....</b>	<b>36,998</b>	<b>13,570</b>	<b>50,568</b>	<b>32,706</b>	<b>14,143</b>	<b>46,849</b>	<b>27,702</b>	<b>14,513</b>	<b>42,215</b>
18. Farm buildings (excluding dwellings) .....	17,498	11,676	29,174	16,792	12,073	28,865	17,165	12,368	29,533
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	16,344	229	16,573	8,889	436	9,325	4,278	476	4,754
20. Aeroplane hangars .....	175	394	569	185	367	552	189	387	576
21. Passenger terminals, bus, boat or air .....	2,623	18	2,641	2,937	18	2,955	3,007	20	3,027
22. Armouries, barracks, drill halls, etc. ....	200	856	1,056	224	888	1,112	229	936	1,165
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,003	233	1,236	1,338	218	1,556	621	210	831
24. Other building construction .....	1,155	164	1,319	2,341	143	2,484	2,213	116	2,329
<b>Total engineering construction .....</b>	<b>358,268</b>	<b>68,341</b>	<b>426,609</b>	<b>447,155</b>	<b>68,257</b>	<b>515,412</b>	<b>328,058</b>	<b>69,478</b>	<b>397,536</b>
<b>Marine construction .....</b>	<b>436</b>	<b>244</b>	<b>680</b>	<b>1,344</b>	<b>305</b>	<b>1,649</b>	<b>821</b>	<b>315</b>	<b>1,236</b>
25. Docks, wharves, piers, breakwaters .....	85	43	128	419	88	507	113	86	199
26. Retaining walls, embankments, riprapping .....	8	2	10	544	2	546	418	2	420
27. Canals and waterways .....	—	5	5	—	11	11	—	11	11
28. Dredging and pile driving .....	—	194	194	—	201	201	—	213	213
29. Dyke construction .....	2	—	2	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	3	3	—	3	3
31. Other marine construction .....	341	—	341	381	—	381	390	—	390



TABLE 26. Alberta — Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>77,471</b>	<b>29,451</b>	<b>106,922</b>	<b>75,108</b>	<b>27,846</b>	<b>102,954</b>	<b>82,888</b>	<b>27,277</b>	<b>110,165</b>
32 Hard surfaced or paved streets, highways, parking lots, etc. ....	37,421	11,499	48,920	35,715	4,847	40,562	34,356	5,139	39,495
33 Gravel or stone streets, highways, roads, parking lots, etc. ....	14,991	11,752	26,743	19,845	17,098	36,943	20,415	16,583	36,998
34 Dirt, clay or other streets, roads, parking lots, etc. ....	4,793	5,579	10,372	4,722	4,525	9,247	5,289	4,137	9,426
35 Grading, scraping, oiling, filling .....	8,194	88	8,282	4,951	989	5,940	12,953	941	13,894
36 Sidewalks, paths .....	6,455	451	6,906	3,792	291	4,083	3,649	360	4,009
37 Aerodromes, landing fields, runways, tarmac .....	5,617	82	5,699	6,083	96	6,179	6,226	117	6,343
<b>Waterworks and sewage systems .....</b>	<b>15,361</b>	<b>2,458</b>	<b>17,819</b>	<b>14,316</b>	<b>2,371</b>	<b>16,687</b>	<b>16,057</b>	<b>2,381</b>	<b>18,438</b>
38 Tile drains, drainage ditches, storm sewers .....	343	141	484	1,101	252	1,353	760	261	1,021
39 Water mains, hydrants and services .....	5,505	1,515	7,020	4,011	1,454	5,465	4,968	1,587	6,555
40 Sewage systems and connections .....	9,339	648	9,987	9,091	589	9,680	7,996	453	8,449
41 Pumping stations, water .....	47	152	199	108	67	175	2,332	61	2,393
42 Water storage tanks .....	127	2	129	5	9	14	1	19	20
<b>Dams and irrigation .....</b>	<b>4,204</b>	<b>1,690</b>	<b>5,894</b>	<b>3,458</b>	<b>1,741</b>	<b>5,199</b>	<b>3,795</b>	<b>1,821</b>	<b>5,616</b>
43 Dams and reservoirs .....	1,008	419	1,427	1,662	423	2,085	1,973	446	2,419
44 Irrigation and land reclamation projects .....	3,196	1,271	4,467	1,796	1,318	3,114	1,822	1,375	3,197
<b>Electric power construction .....</b>	<b>17,383</b>	<b>3,032</b>	<b>20,415</b>	<b>15,922</b>	<b>3,529</b>	<b>19,451</b>	<b>20,969</b>	<b>3,227</b>	<b>24,196</b>
45 Electric power generating plants, including water conveying and controlling structures .....	3,470	316	3,786	3,132	324	3,456	5,193	388	5,581
46 Electric transformer stations .....	1,836	271	2,107	1,253	213	1,466	1,491	233	1,724
47 Power transmission and distribution lines, trolley wires .....	9,079	2,135	11,214	8,877	2,684	11,561	10,929	2,275	13,204
48 Street lighting .....	2,998	310	3,308	2,660	308	2,968	3,356	331	3,687
<b>Railway, telephone and telegraph .....</b>	<b>22,787</b>	<b>13,668</b>	<b>36,455</b>	<b>21,904</b>	<b>14,396</b>	<b>36,300</b>	<b>17,283</b>	<b>15,155</b>	<b>32,438</b>
49 Railway tracks and roadbed .....	13,486	10,618	24,104	13,878	11,327	25,205	11,195	11,970	23,165
50 Signals and interlockers .....	398	524	922	497	699	1,196	409	725	1,134
51 Telegraph and telephone lines, underground and marine cables .....	8,903	2,526	11,429	7,529	2,370	9,899	5,679	2,460	8,139
<b>Gas and oil facilities .....</b>	<b>207,414</b>	<b>10,886</b>	<b>218,300</b>	<b>298,963</b>	<b>10,935</b>	<b>309,898</b>	<b>168,792</b>	<b>12,013</b>	<b>180,805</b>
52 Gas mains and services .....	4,278	753	5,031	3,325	687	4,012	3,371	831	4,202
53 Pumping stations, oil .....	539	185	724	1,015	269	1,284	1,049	306	1,355
54 Pumping stations, gas .....	211	47	258	3,536	86	3,622	2,025	144	2,169
55 Oil storage tanks .....	5,309	354	5,663	2,002	219	2,221	1,854	208	2,062
56 Gas storage tanks .....	2,317	62	2,379	2,590	79	2,669	2,639	68	2,707
57 Oil pipe lines .....	9,310	460	9,770	15,184	340	15,524	5,276	434	5,710
58 Gas pipe lines .....	30,811	380	31,191	67,692	267	67,959	4,014	408	4,422
59 Oil wells .....	108,725	4,312	113,037	93,344	3,779	97,123	96,780	3,893	100,673
60 Gas wells .....	22,808	277	23,085	33,678	1,144	34,822	30,226	1,246	31,472
61 Oil refinery—processing units .....	3,376	2,743	6,119	1,175	2,518	3,693	2,444	2,662	5,106
62 Natural gas cleaning plants .....	19,730	1,313	21,043	75,422	1,547	76,969	19,114	1,813	20,927
<b>Other engineering construction .....</b>	<b>13,212</b>	<b>6,912</b>	<b>20,124</b>	<b>16,140</b>	<b>7,134</b>	<b>23,274</b>	<b>17,353</b>	<b>7,289</b>	<b>24,642</b>
63 Bridges, trestles, culverts, overpasses, viaducts .....	9,489	4,789	14,278	10,844	4,932	15,776	12,972	5,070	18,042
64 Tunnels and subways .....	304	17	321	1,002	19	1,021	127	20	147
65 Inclinerators .....	38	1	39	45	1	46	44	1	45
66 Park systems, landscaping, sodding, etc. ....	626	310	936	935	456	1,391	920	468	1,388
67 Swimming pools, tennis courts, outdoor recreation facilities ....	145	35	180	168	42	210	191	55	246
68 Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69 Fences, snowsheds, signs, guard rails .....	1,372	980	2,352	1,279	968	2,247	1,283	1,002	2,285
70 Other engineering construction .....	1,238	780	2,018	1,867	716	2,583	1,816	673	2,489

TABLE 27. British Columbia

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>609,277</b>	<b>153,490</b>	<b>762,767</b>	<b>624,779</b>	<b>156,688</b>	<b>781,467</b>	<b>626,913</b>	<b>159,435</b>	<b>786,348</b>
<b>Total building construction.....</b>	<b>325,444</b>	<b>89,206</b>	<b>414,650</b>	<b>299,931</b>	<b>86,413</b>	<b>386,344</b>	<b>314,565</b>	<b>91,045</b>	<b>405,610</b>
<b>Residential.....</b>	<b>174,400</b>	<b>54,800</b>	<b>229,200</b>	<b>149,300</b>	<b>48,900</b>	<b>198,200</b>	<b>154,800</b>	<b>51,800</b>	<b>206,600</b>
<b>Industrial .....</b>	<b>29,319</b>	<b>9,350</b>	<b>38,669</b>	<b>23,919</b>	<b>9,513</b>	<b>33,432</b>	<b>18,926</b>	<b>10,301</b>	<b>29,227</b>
2. Factories, plants, workshops, food canneries .....	26,568	7,518	34,086	18,295	7,586	25,881	15,520	8,228	23,748
3. Mine and mine mill buildings .....	816	344	1,160	4,190	212	4,402	2,100	242	2,342
4. Railway stations, offices, roadway buildings .....	1,456	990	2,446	1,000	1,233	2,233	905	1,320	2,225
5. Railway shops, engine houses, water and fuel stations .....	479	498	977	434	482	916	401	511	912
<b>Commercial.....</b>	<b>59,307</b>	<b>9,335</b>	<b>68,642</b>	<b>55,838</b>	<b>12,336</b>	<b>68,174</b>	<b>56,087</b>	<b>12,477</b>	<b>68,564</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	7,788	1,580	9,368	4,517	1,384	5,901	3,955	1,572	5,527
7. Grain elevators .....	123	42	165	161	560	721	304	623	927
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,620	1,302	7,922	7,963	1,464	9,427	6,444	1,392	7,836
9. Office buildings .....	20,307	2,810	23,117	23,366	3,327	26,693	22,976	3,350	26,326
10. Stores, retail and wholesale .....	18,135	2,461	20,596	12,934	2,545	15,479	13,650	2,276	15,926
11. Garages and service stations .....	3,690	708	4,398	3,448	800	4,248	3,496	866	4,362
12. Theatres, arenas, amusement and recreational buildings .....	2,363	301	2,664	3,429	2,185	5,614	5,247	2,299	7,546
13. Laundries and dry cleaning establishments .....	281	131	412	20	71	91	15	99	114
<b>Institutional .....</b>	<b>44,438</b>	<b>9,037</b>	<b>53,475</b>	<b>52,964</b>	<b>9,698</b>	<b>62,662</b>	<b>70,851</b>	<b>10,237</b>	<b>81,088</b>
14. Schools and other educational buildings .....	26,853	5,211	32,064	31,073	6,895	37,968	43,632	7,484	51,116
15. Churches and other religious buildings.....	4,448	358	4,806	6,239	570	6,809	7,186	367	7,553
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	9,469	756	10,225	13,135	2,052	15,187	17,743	2,204	19,947
17. Other institutional buildings .....	3,668	2,712	6,380	2,517	181	2,698	2,290	182	2,472
<b>Other building construction .....</b>	<b>17,980</b>	<b>6,684</b>	<b>24,664</b>	<b>17,910</b>	<b>5,966</b>	<b>23,876</b>	<b>13,901</b>	<b>6,230</b>	<b>20,131</b>
18. Farm buildings (excluding dwellings) .....	4,610	2,918	7,528	4,480	2,979	7,459	4,519	3,031	7,550
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6,515	417	6,932	4,756	335	5,091	4,327	462	4,789
20. Aeroplane hangars .....	1,417	78	1,495	2,692	344	3,036	83	345	428
21. Passenger terminals, bus, boat or air .....	1,248	499	1,747	1,336	12	1,348	1,224	14	1,238
22. Armouries, barracks, drill halls, etc. ....	344	1,130	1,474	384	1,122	1,506	340	1,243	1,583
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,046	1,230	3,276	2,677	731	3,408	1,157	659	1,816
24. Other building construction .....	1,800	412	2,212	1,585	443	2,028	2,251	476	2,727
<b>Total engineering construction.....</b>	<b>283,833</b>	<b>64,284</b>	<b>348,117</b>	<b>324,848</b>	<b>70,275</b>	<b>395,123</b>	<b>312,348</b>	<b>68,390</b>	<b>380,738</b>
<b>Marine construction.....</b>	<b>12,467</b>	<b>3,598</b>	<b>16,065</b>	<b>8,585</b>	<b>3,129</b>	<b>11,714</b>	<b>9,464</b>	<b>3,368</b>	<b>12,832</b>
25. Docks, wharves, piers, breakwaters .....	9,977	1,782	11,759	6,429	1,599	8,028	7,751	1,676	9,427
26. Retaining walls, embankments, riprapping .....	182	13	195	120	23	143	17	22	39
27. Canals and waterways .....	42	86	128	7	—	7	—	—	—
28. Dredging and pile driving .....	1,041	1,283	2,324	1,102	1,227	2,329	954	1,418	2,372
29. Dyke construction.....	34	25	59	7	18	25	—	9	9
30. Logging booms .....	152	190	342	168	157	325	56	125	181
31. Other marine construction .....	1,039	219	1,258	752	105	857	686	118	804



TABLE 27. British Columbia - Concluded

Type of structure	1960			1961			1962		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>96,232</b>	<b>23,199</b>	<b>119,431</b>	<b>100,611</b>	<b>25,978</b>	<b>126,589</b>	<b>92,204</b>	<b>25,534</b>	<b>117,738</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	26,534	3,380	29,914	29,276	3,422	32,698	26,630	3,591	30,221
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	52,733	15,303	68,036	57,344	19,297	76,641	50,249	18,464	68,713
34. Dirt, clay or other streets, roads, parking lots, etc. ....	11,175	3,258	14,433	8,582	1,991	10,573	8,707	2,154	10,861
35. Grading, scraping, oiling, filling .....	797	650	1,447	122	794	916	2,102	832	2,934
36. Sidewalks, paths .....	1,848	556	2,404	1,749	422	2,171	1,477	435	1,912
37. Aerodromes, landing fields, runways, tarmac .....	3,145	52	3,197	3,538	52	3,590	3,039	58	3,097
<b>Waterworks and sewage systems .....</b>	<b>22,686</b>	<b>5,311</b>	<b>27,997</b>	<b>25,430</b>	<b>5,255</b>	<b>30,685</b>	<b>23,862</b>	<b>5,563</b>	<b>29,425</b>
38. Tile drains, drainage ditches, storm sewers .....	994	1,511	2,505	619	1,625	2,244	379	1,673	2,052
39. Water mains, hydrants and services .....	10,570	2,507	13,077	10,268	2,317	12,585	11,821	2,491	14,312
40. Sewage systems and connections .....	10,589	1,101	11,690	13,542	1,107	14,649	10,935	1,218	12,153
41. Pumping stations, water .....	396	154	550	451	101	552	619	84	703
42. Water storage tanks .....	137	38	175	550	105	655	108	97	205
<b>Dams and irrigation .....</b>	<b>12,098</b>	<b>349</b>	<b>12,447</b>	<b>2,883</b>	<b>390</b>	<b>3,273</b>	<b>37,075</b>	<b>421</b>	<b>37,496</b>
43. Dams and reservoirs .....	11,826	178	12,004	1,895	214	2,109	36,157	244	36,401
44. Irrigation and land reclamation projects .....	272	171	443	988	176	1,164	918	177	1,095
<b>Electric power construction .....</b>	<b>30,635</b>	<b>4,440</b>	<b>35,075</b>	<b>32,329</b>	<b>8,095</b>	<b>40,424</b>	<b>28,106</b>	<b>5,579</b>	<b>33,685</b>
45. Electric power generating plants, including water conveying and controlling structures .....	8,642	742	9,384	5,891	2,949	8,840	2,757	898	3,655
46. Electric transformer stations .....	405	217	622	1,420	439	1,859	485	137	622
47. Power transmission and distribution lines, trolley wires .....	19,448	2,555	22,003	22,628	3,334	25,962	23,183	3,073	26,256
48. Street lighting .....	2,140	926	3,066	2,390	1,373	3,763	1,681	1,471	3,152
<b>Railway, telephone and telegraph .....</b>	<b>22,867</b>	<b>16,328</b>	<b>39,195</b>	<b>20,241</b>	<b>17,728</b>	<b>37,969</b>	<b>23,611</b>	<b>18,383</b>	<b>41,994</b>
49. Railway tracks and roadbed .....	12,095	12,849	24,944	11,986	14,096	26,082	10,949	14,456	25,405
50. Signals and interlockers .....	606	487	1,093	460	797	1,257	401	808	1,209
51. Telegraph and telephone lines, underground and marine cables .....	10,166	2,992	13,158	7,795	2,835	10,630	12,261	3,119	15,380
<b>Gas and oil facilities .....</b>	<b>51,366</b>	<b>3,392</b>	<b>54,758</b>	<b>92,122</b>	<b>3,025</b>	<b>95,147</b>	<b>59,657</b>	<b>3,114</b>	<b>62,771</b>
52. Gas mains and services .....	11,492	585	12,077	5,124	423	5,547	6,937	440	7,377
53. Pumping stations, oil .....	8	19	27	1,477	56	1,533	65	65	130
54. Pumping stations, gas .....	80	6	86	1,617	5	1,622	30	10	40
55. Oil storage tanks .....	1,234	298	1,532	2,096	189	2,285	1,326	150	1,476
56. Gas storage tanks .....	2,991	21	3,012	2,876	1	2,877	2,726	-	2,726
57. Oil pipe lines .....	3,819	248	4,067	21,699	222	21,921	746	270	1,016
58. Gas pipe lines .....	7,022	236	7,258	31,470	218	31,688	20,842	334	21,176
59. Oil wells .....	12,786	6	12,792	12,512	190	12,702	12,549	54	12,603
60. Gas wells .....	8,226	182	8,408	11,844	33	11,877	13,585	39	13,624
61. Oil refinery - processing units .....	3,700	1,791	5,491	1,364	1,688	3,052	851	1,752	2,603
62. Natural gas cleaning plants .....	8	-	8	43	-	43	-	-	-
<b>Other engineering construction .....</b>	<b>35,482</b>	<b>7,667</b>	<b>43,149</b>	<b>42,647</b>	<b>6,675</b>	<b>49,322</b>	<b>38,369</b>	<b>6,428</b>	<b>44,797</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	30,405	3,326	33,731	32,658	3,953	36,611	29,433	3,617	33,050
64. Tunnels and subways .....	451	2	453	150	1	151	99	1	100
65. Incinerators .....	22	4	26	43	23	66	48	30	78
66. Park systems, landscaping, sodding, etc. ....	448	526	974	355	625	980	257	715	972
67. Swimming pools, tennis courts, outdoor recreation facilities ....	226	7	233	1,162	364	1,526	881	370	1,251
68. Mine shafts and other below surface workings .....	1,485	41	1,526	1,830	85	1,915	1,740	60	1,800
69. Fences snowsheds, signs, guard rails .....	700	1,171	1,871	702	831	1,533	642	887	1,529
70. Other engineering construction .....	1,745	2,590	4,335	5,747	793	6,540	5,269	748	6,017



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insurance

fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2 Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1962".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1959 of all the firms in each industry by the corresponding 1959 total for the firms reporting in the 1962 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1959 and 1962 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1961 preliminary actual figures and the 1962 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the

percentage change from 1961 to 1962 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government agencies. Estimates of the value of residential construction for 1960 and 1961 were prepared by Central Mortgage and Housing Corporation. Appraisals of the probable volume of housing construction in 1962 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of privately initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of privately initiated housing in areas with a population of less than 5,000, and of the total volume of public or government initiated housing likely to be undertaken. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1962.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1960

survey of construction contractors provided the basic data for deriving the ratios applied to break down the total value of work done by contractors in the year 1960 to 1962. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1961 and 1962 an average annual earnings figure was computed from 1960, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.





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ANNUAL



CONSTRUCTION IN CANADA  
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DOMINION BUREAU OF STATISTICS

Business Finance Division

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# CONSTRUCTION IN CANADA

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## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1961 and 1962 and provides estimates of the intended program for 1963. The information given for 1962 is preliminary whereas that shown for 1961 and earlier years is final. The probable volume of construction that will be realized in 1963 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1963", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on labour content in terms of numbers of persons and value and cost of material used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's 1962 construction programme reached \$7.3 billion, a 5.1 per cent increase from the previous year's level of \$7.0 billion. New construction increased 5.8 per cent from \$5,518 million in 1961 to \$5,841 million in 1962, while at the same time repair construction increased 2.2 per cent from \$1,456 million to \$1,488 million.

Overall building construction was substantially higher in 1962 as a result of large increases in institutional, industrial and residential building. The major factor in the increase of institutional construction was the very large programme of technical school construction undertaken with the assistance of the Federal Government. The level of industrial building reflected the increase in construction of factories, plants and mine buildings. On the other hand, the decline of activity in the construction of

office buildings was responsible for the overall reduction in commercial construction.

Total outlays, new and repair, on engineering structures were somewhat lower than 1961 with substantial increases in electric power projects and highway construction, partially offsetting a considerable decline in oil and gas pipelines and marine construction.

Plans for 1963 reveal that the total construction programme is expected to reach \$7.6 billion, an increase of 3.8 per cent over 1962. Should this programme be realized as outlined in the latest survey of intentions there will be a reduction in expenditures on building construction accompanied by a substantial increase in engineering construction, thus constituting a reversal of the trend noticeable in recent years.

Year	Total new and repair construction	To change over previous year in	
		Value	Volume
1954 .....	4,842	0.3	0.0
1955 .....	5,308	9.6	7.0
1956 .....	6,454	21.6	15.8
1957 .....	7,023	8.8	5.1
1958 .....	7,092	1.0	1.0
1959 .....	7,077	- 0.2	- 3.5
1960 .....	6,886	- 2.7	- 4.7
1961 .....	6,974	1.3	1.9
1962 .....	7,329	5.1	2.0
1963 .....	7,610	3.8	

TABLE 6. By Type of Structure, Total, 1959-63<sup>1</sup>

Type of structure	1959	1960	1961	1962	1963
thousands of dollars					
<b>Total value of construction .....</b>	<b>7, 977, 383</b>	<b>6, 886, 255</b>	<b>6, 974, 379</b>	<b>7, 329, 145</b>	<b>7, 610, 171</b>
<b>Total building construction .....</b>	<b>4, 240, 059</b>	<b>4, 051, 104</b>	<b>4, 143, 170</b>	<b>4, 524, 650</b>	<b>4, 488, 411</b>
<b>Residential .....</b>	<b>2, 183, 000</b>	<b>1, 913, 100</b>	<b>1, 951, 000</b>	<b>2, 100, 000</b>	<b>2, 115, 100</b>
<b>Industrial .....</b>	<b>415, 814</b>	<b>451, 568</b>	<b>410, 868</b>	<b>492, 676</b>	<b>493, 031</b>
2. Factories, plants, workshops, food canneries .....	344, 692	365, 607	318, 894	372, 439	370, 791
3. Mine and mine mill buildings .....	30, 071	45, 891	57, 576	82, 752	84, 671
4. Railway stations, offices, roadway buildings .....	25, 650	23, 114	22, 904	22, 839	24, 611
5. Railway shops, engine houses, water and fuel stations .....	15, 401	16, 956	11, 494	14, 646	12, 951
<b>Commercial .....</b>	<b>759, 065</b>	<b>738, 127</b>	<b>754, 659</b>	<b>733, 300</b>	<b>661, 631</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	80, 951	82, 131	65, 241	59, 552	57, 191
7. Grain elevators .....	27, 329	20, 901	28, 101	29, 162	15, 731
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	61, 122	48, 449	46, 568	42, 123	47, 521
9. Office buildings .....	287, 136	309, 942	351, 877	326, 229	285, 351
10. Stores, retail and wholesale .....	195, 063	187, 987	164, 757	175, 781	160, 371
11. Garages and service stations .....	53, 466	55, 223	44, 069	40, 844	38, 801
12. Theatres, arenas, amusement and recreational buildings .....	52, 076	31, 868	51, 416	57, 672	54, 831
13. Laundries and dry cleaning establishments .....	1, 922	1, 626	2, 630	1, 937	1, 831
<b>Institutional .....</b>	<b>569, 109</b>	<b>615, 188</b>	<b>647, 056</b>	<b>809, 840</b>	<b>835, 651</b>
14. Schools and other educational buildings .....	307, 661	346, 599	360, 968	525, 468	521, 751
15. Churches and other religious buildings .....	64, 421	70, 037	68, 705	60, 062	54, 001
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	153, 057	153, 707	179, 382	184, 613	207, 731
17. Other institutional buildings .....	43, 970	44, 845	38, 001	39, 697	52, 161
<b>Other building construction .....</b>	<b>313, 071</b>	<b>333, 121</b>	<b>379, 587</b>	<b>388, 834</b>	<b>382, 981</b>
18. Farm buildings (excluding dwellings) .....	172, 359	168, 215	211, 739	229, 252	225, 051
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	41, 973	60, 749	69, 464	63, 457	69, 391
20. Aeroplane hangars .....	26, 352	17, 436	8, 633	7, 401	5, 601
21. Passenger terminals, bus, boat or air .....	11, 476	26, 181	22, 829	22, 154	20, 581
22. Armouries, barracks, drill halls, etc. ....	22, 176	20, 846	24, 298	22, 607	22, 711
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	21, 454	21, 280	16, 232	17, 821	11, 991
24. Other building construction .....	17, 281	18, 414	26, 392	26, 142	27, 631
<b>Total engineering construction .....</b>	<b>2, 837, 324</b>	<b>2, 835, 151</b>	<b>2, 831, 209</b>	<b>2, 804, 495</b>	<b>3, 121, 761</b>
<b>Marine construction .....</b>	<b>134, 460</b>	<b>119, 032</b>	<b>120, 843</b>	<b>90, 778</b>	<b>78, 891</b>
25. Docks, wharves, piers, breakwaters .....	61, 675	71, 540	77, 080	57, 626	48, 621
26. Retaining walls, embankments, riprapping .....	2, 980	4, 263	2, 292	2, 516	2, 571
27. Canals and waterways .....	4, 384	6, 711	10, 470	4, 018	3, 781
28. Dredging and pile driving .....	51, 390	31, 590	23, 928	21, 199	18, 771
29. Dyke construction .....	3, 224	294	1, 081	917	861
30. Logging booms .....	1, 452	1, 246	965	843	691
31. Other marine construction .....	9, 355	3, 388	5, 027	3, 659	3, 571

<sup>1</sup> Actual 1959-61, preliminary 1962, intentions 1963.



TABLE 6. By Type of Structure, Total, 1959-63<sup>1</sup> - Concluded

Type of structure	1959	1960	1961	1962	1963
	thousands of dollars				
Road, highway and aerodrome construction .....	791,059	830,359	750,170	793,129	866,233
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	398,241	457,143	461,738	493,891	560,014
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	253,712	241,832	170,396	172,017	174,506
3. Dirt, clay or other streets, roads, parking lots, etc. ....	48,958	50,608	39,227	41,909	41,177
4. Grading, scraping, oiling, filling .....	30,001	26,345	27,535	35,494	43,067
5. Sidewalks, paths .....	18,502	24,075	22,275	23,090	24,459
6. Aerodromes, landing fields, runways, tarmac .....	41,645	30,356	28,999	26,728	23,010
Waterworks and sewage systems .....	225,707	232,783	223,152	231,554	254,090
1. Tile drains, drainage ditches, storm sewers .....	13,929	21,122	7,082	8,128	10,064
2. Water mains, hydrants and services .....	83,136	78,277	77,034	74,821	73,328
3. Sewage systems and connections .....	112,674	113,367	122,685	126,904	137,035
4. Pumping stations, water .....	13,883	17,254	14,116	16,835	24,892
5. Water storage tanks .....	2,085	2,763	2,235	4,866	8,771
Dams and irrigation .....	60,011	91,743	78,351	111,643	174,981
1. Dams and reservoirs .....	45,693	76,295	60,018	91,009	153,380
2. Irrigation and land reclamation projects .....	14,318	15,448	18,333	20,634	21,601
Electric power construction .....	394,829	348,877	411,381	455,339	536,896
1. Electric power generating plants, including water conveying and controlling structures .....	161,752	128,977	197,121	201,846	237,691
2. Electric transformer stations .....	45,848	43,556	33,237	41,692	48,505
3. Power transmission and distribution lines, trolley wires .....	171,652	159,678	159,854	193,354	232,030
4. Street lighting .....	15,577	16,666	21,169	18,447	18,670
Railway, telephone and telegraph .....	457,825	451,561	384,023	373,799	392,067
1. Railway tracks and roadbed .....	282,338	269,070	231,571	207,401	225,305
2. Signals and interlockers .....	12,839	13,696	16,104	13,743	14,905
3. Telegraph and telephone lines, underground and marine cables .....	162,648	168,795	136,348	152,655	151,857
Gas and oil facilities .....	464,134	454,372	519,526	419,294	447,701
1. Gas mains and services .....	78,710	60,764	56,542	65,414	65,514
2. Pumping stations, oil .....	3,268	3,992	3,228	5,479	2,586
3. Pumping stations, gas .....	15,869	27,370	13,773	23,404	15,438
4. Oil storage tanks .....	23,618	22,686	20,774	18,965	15,040
5. Gas storage tanks .....	1,667	8,869	909	459	1,395
6. Oil pipe lines .....	18,650	16,517	42,957	16,751	16,402
7. Gas pipe lines .....	38,148	52,807	95,260	23,917	48,071
8. Oil wells .....	134,963	141,163	121,147	127,630	134,736
9. Gas wells .....	31,805	34,687	46,422	39,279	45,377
10. Oil refinery - processing units .....	92,665	64,383	48,229	67,999	63,883
11. Natural gas cleaning plants .....	24,771	21,134	70,285	29,997	39,259
Other engineering construction .....	309,299	306,424	343,763	328,959	370,902
1. Bridges, trestles, culverts, overpasses, viaducts .....	183,110	196,396	207,566	197,625	216,560
2. Tunnels and subways .....	26,829	21,740	19,261	21,327	44,676
3. Incinerators .....	2,949	3,491	403	350	496
4. Park systems, landscaping, sodding, etc. ....	9,100	8,786	10,377	11,393	11,489
5. Swimming pools, tennis courts, outdoor recreation facilities .....	5,139	3,632	6,262	5,940	6,444
6. Mine shafts and other below surface workings .....	33,437	29,397	31,821	24,874	25,635
7. Fences, snowsheds, signs, guard rails .....	20,058	19,172	24,747	24,695	25,239
8. Other engineering construction .....	28,677	23,810	43,326	42,755	40,363

<sup>1</sup> Actual 1959-61, preliminary 1962, intentions 1963.

LABOUR CONTENT AND COST OF MATERIALS USED, 1959-63<sup>1</sup>

TABLE 7. By Provinces

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Canada:				
1959 .....	571,912	2,378,214	3,367,254	7,077,383
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	547,249	2,466,905	3,464,087	7,329,145
1963 .....	564,586	2,555,869	3,563,954	7,610,176
Newfoundland:				
1959 .....	11,382	38,881	43,363	105,065
1960 .....	11,817	47,882	64,053	138,508
1961 .....	13,462	55,022	77,575	169,491
1962 .....	16,275	68,357	96,299	211,812
1963 .....	13,893	57,711	80,777	177,761
Prince Edward Island:				
1959 .....	2,845	7,715	15,647	29,355
1960 .....	2,734	7,930	14,459	30,223
1961 .....	3,160	9,844	15,649	32,254
1962 .....	3,389	10,842	17,620	36,050
1963 .....	3,269	10,473	16,943	34,990
Nova Scotia:				
1959 .....	22,994	73,232	96,223	209,163
1960 .....	22,937	75,163	102,521	220,062
1961 .....	20,841	73,537	94,800	204,845
1962 .....	20,270	72,757	93,313	202,772
1963 .....	21,677	77,929	99,466	219,205
New Brunswick:				
1959 .....	16,421	57,030	86,020	175,003
1960 .....	16,660	54,925	72,880	156,308
1961 .....	15,003	51,688	80,039	157,243
1962 .....	14,475	50,830	79,360	153,683
1963 .....	14,777	51,765	81,010	156,000
Quebec:				
1959 .....	142,154	567,179	894,940	1,772,322
1960 .....	129,350	543,343	804,971	1,654,161
1961 .....	135,116	566,190	860,458	1,732,739
1962 .....	142,211	608,800	929,383	1,873,504
1963 .....	147,068	630,207	952,644	1,943,975
Ontario:				
1959 .....	195,433	844,800	1,130,533	2,392,095
1960 .....	185,694	840,649	1,103,616	2,332,900
1961 .....	172,666	801,021	1,077,333	2,294,781
1962 .....	183,078	869,325	1,172,318	2,492,614
1963 .....	185,523	880,461	1,183,715	2,523,983
Manitoba:				
1959 .....	32,211	127,322	201,946	397,769
1960 .....	31,101	131,066	196,577	396,598
1961 .....	29,020	128,903	177,085	369,662
1962 .....	28,400	128,971	174,717	370,658
1963 .....	31,550	144,282	196,014	420,025

<sup>1</sup> Actual 1959-61, preliminary 1962, intentions 1963.



TABLE 7. By Provinces - Concluded

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1959 .....	29,186	116,681	171,020	357,717
1960 .....	29,235	116,442	187,463	378,935
1961 .....	28,528	127,292	175,534	383,021
1962 .....	29,576	134,720	187,446	404,181
1963 .....	29,369	133,435	185,945	400,857
Alberta:				
1959 .....	58,931	248,251	367,511	818,597
1960 .....	57,070	244,218	370,242	815,793
1961 .....	60,453	270,128	386,068	876,719
1962 .....	56,519	251,783	375,187	813,207
1963 .....	57,267	257,405	381,198	833,827
British Columbia:				
1959 .....	60,355	297,123	360,051	820,297
1960 .....	54,593	275,273	333,840	762,767
1961 .....	52,605	265,604	328,972	753,624
1962 .....	53,056	270,520	338,444	770,664
1963 .....	60,193	312,201	386,242	899,553

TABLE 8. By Contractors and Others

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Total:				
1959 .....	571,912	2,378,214	3,367,254	7,077,383
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	574,249	2,466,905	3,464,087	7,329,145
1963 .....	564,586	2,555,869	3,563,954	7,610,176
Contractors:				
1959 .....	383,825	1,650,000	2,531,105	5,269,521
1960 .....	359,711	1,611,273	2,503,376	5,182,772
1961 .....	358,112	1,655,512	2,552,390	5,347,557
1962 .....	376,840	1,769,598	2,741,361	5,696,455
1963 .....	390,701	1,844,646	2,828,426	5,949,363
Utilities:				
1959 .....	66,564	303,082	395,103	779,355
1960 .....	66,235	311,988	379,532	749,932
1961 .....	65,149	319,510	365,810	748,290
1962 .....	65,812	328,541	372,604	765,415
1963 .....	68,396	341,434	385,218	793,120
Governments:				
1959 .....	63,339	203,585	140,417	432,582
1960 .....	74,509	244,938	171,041	528,031
1961 .....	71,833	220,089	173,029	497,272
1962 .....	70,460	219,945	171,832	495,196
1963 .....	71,700	222,983	174,274	500,633
Others:				
1959 .....	58,184	221,547	300,629	595,925
1960 .....	40,736	168,692	197,673	425,520
1961 .....	35,760	154,118	182,284	381,260
1962 .....	34,137	148,821	178,290	372,079
1963 .....	33,789	146,806	176,036	367,060



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1961-63<sup>1</sup>

TABLE 9. By Type of Structure, New and Repair

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5,518,290</b>	<b>1,456,089</b>	<b>6,974,379</b>	<b>5,841,463</b>	<b>1,487,682</b>	<b>7,329,145</b>	<b>6,060,633</b>	<b>1,549,543</b>	<b>7,610,176</b>
<b>Total building construction .....</b>	<b>3,257,708</b>	<b>885,462</b>	<b>4,143,170</b>	<b>3,608,330</b>	<b>916,320</b>	<b>4,524,650</b>	<b>3,537,679</b>	<b>950,731</b>	<b>4,488,410</b>
<b>Residential .....</b>	<b>1,467,000</b>	<b>484,000</b>	<b>1,951,000</b>	<b>1,587,000</b>	<b>513,000</b>	<b>2,100,000</b>	<b>1,571,100</b>	<b>544,000</b>	<b>2,115,100</b>
<b>Industrial .....</b>	<b>294,303</b>	<b>116,565</b>	<b>410,868</b>	<b>370,282</b>	<b>122,394</b>	<b>492,676</b>	<b>370,239</b>	<b>122,797</b>	<b>493,036</b>
2. Factories, plants, workshops, food canneries .....	227,534	91,360	318,894	278,644	93,795	372,439	277,525	93,273	370,798
3. Mine and mine mill buildings .....	50,331	7,245	57,576	72,314	10,438	82,752	75,871	8,802	84,673
4. Railway stations, offices, roadway buildings .....	11,236	11,668	22,904	11,241	11,598	22,839	11,465	13,145	24,610
5. Railway shops, engine houses, water and fuel stations .....	5,202	6,292	11,494	8,083	6,563	14,646	5,378	7,577	12,955
<b>Commercial .....</b>	<b>637,305</b>	<b>117,354</b>	<b>754,659</b>	<b>623,701</b>	<b>109,599</b>	<b>733,300</b>	<b>553,558</b>	<b>108,080</b>	<b>661,638</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	52,924	12,317	65,241	47,570	11,982	59,552	45,767	11,424	57,191
7. Grain elevators .....	21,357	6,744	28,101	23,957	5,205	29,162	10,545	5,185	15,730
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	33,876	12,692	46,568	32,554	9,569	42,123	37,034	10,491	47,525
9. Office buildings .....	311,504	40,373	351,877	284,865	41,364	326,229	244,703	40,647	285,350
10. Stores, retail and wholesale .....	136,237	28,520	164,757	149,970	25,811	175,781	135,928	24,446	160,374
11. Garages and service stations .....	34,877	9,192	44,069	31,994	8,850	40,844	29,748	9,053	38,801
12. Theatres, arenas, amusement and recreational buildings .....	44,824	6,592	51,416	51,836	5,836	57,672	48,913	5,923	54,836
13. Laundries and dry cleaning establishments .....	1,706	924	2,630	955	982	1,937	920	911	1,831
<b>Institutional .....</b>	<b>570,415</b>	<b>76,641</b>	<b>647,056</b>	<b>734,500</b>	<b>75,340</b>	<b>809,840</b>	<b>756,993</b>	<b>78,662</b>	<b>835,655</b>
14. Schools and other educational buildings ....	322,239	38,729	360,968	486,285	39,183	525,468	481,894	39,862	521,756
15. Churches and other religious buildings .....	59,821	8,884	68,705	53,515	6,547	60,062	47,878	6,126	54,004
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	159,192	20,190	179,382	164,356	20,257	184,613	184,858	22,877	207,735
17. Other institutional buildings .....	29,163	8,838	38,001	30,344	9,353	39,697	42,363	9,797	52,160
<b>Other building construction .....</b>	<b>288,685</b>	<b>90,902</b>	<b>379,587</b>	<b>292,847</b>	<b>95,987</b>	<b>388,834</b>	<b>285,789</b>	<b>97,192</b>	<b>382,981</b>
18. Farm buildings (excluding dwellings) .....	152,951	58,788	211,739	165,828	63,424	229,252	162,706	62,345	225,051
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	65,848	3,616	69,464	59,966	3,491	63,457	65,839	3,551	69,390
20. Aeroplane hangars .....	5,153	3,480	8,633	3,984	3,417	7,401	2,034	3,575	5,609
21. Passenger terminals, bus, boat or air .....	22,406	423	22,829	20,563	1,591	22,154	18,584	2,001	20,585
22. Armouries, barracks, drill halls, etc. ....	10,145	14,153	24,298	9,221	13,386	22,607	8,045	14,667	22,712
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	12,263	3,969	16,232	13,849	3,972	17,821	8,025	3,970	11,995
24. Other building construction .....	19,919	6,473	26,392	19,436	6,706	26,142	20,556	7,083	27,639
<b>Total engineering construction .....</b>	<b>2,260,582</b>	<b>570,627</b>	<b>2,831,209</b>	<b>2,233,133</b>	<b>571,362</b>	<b>2,804,495</b>	<b>2,522,954</b>	<b>598,812</b>	<b>3,121,766</b>
<b>Marine construction .....</b>	<b>104,347</b>	<b>16,496</b>	<b>120,843</b>	<b>74,908</b>	<b>15,870</b>	<b>90,778</b>	<b>63,010</b>	<b>15,886</b>	<b>78,896</b>
25. Docks, wharves, piers, breakwaters .....	69,732	7,348	77,080	50,574	7,052	57,626	41,358	7,265	48,623
26. Retaining walls, embankments, riprapping .....	1,363	929	2,292	1,682	834	2,516	1,620	953	2,573
27. Canals and waterways .....	8,966	1,504	10,470	2,829	1,189	4,018	2,856	929	3,785
28. Dredging and pile driving .....	19,134	4,794	23,928	16,489	4,710	21,199	14,110	4,664	18,774
29. Dyke construction .....	914	167	1,081	759	158	917	719	149	868
30. Logging booms .....	337	628	965	306	537	843	163	535	698
31. Other marine construction .....	3,901	1,126	5,027	2,269	1,390	3,659	2,184	1,391	3,575

<sup>1</sup> Actual 1961, preliminary 1962, intentions 1963.

TABLE 9. By Type of Structure, New and Repair — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>556,941</b>	<b>193,229</b>	<b>750,170</b>	<b>597,736</b>	<b>195,393</b>	<b>793,129</b>	<b>669,289</b>	<b>196,944</b>	<b>866,233</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	358,595	103,143	461,738	387,567	106,324	493,891	452,364	107,650	560,014
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	111,910	58,486	170,396	117,053	54,864	172,017	119,075	55,431	174,506
34. Dirt, clay or other streets, roads, parking lots, etc. ....	29,444	9,783	39,227	32,295	9,614	41,909	32,289	8,888	41,177
35. Grading, scraping, oiling, filling .....	14,520	13,015	27,535	19,695	15,799	35,494	26,999	16,068	43,067
36. Sidewalks, paths .....	15,844	6,431	22,275	16,728	6,362	23,090	17,974	6,485	24,459
37. Aerodromes, landing fields, runways, tarmac .....	26,628	2,371	28,999	24,398	2,330	26,728	20,588	2,422	23,010
<b>Waterworks and sewage systems .....</b>	<b>186,021</b>	<b>37,131</b>	<b>223,152</b>	<b>191,081</b>	<b>40,473</b>	<b>231,554</b>	<b>211,737</b>	<b>42,353</b>	<b>254,090</b>
38. Tile drains, drainage ditches, storm sewers .....	4,095	2,987	7,082	4,717	3,411	8,128	6,596	3,468	10,064
39. Water mains, hydrants and services .....	59,386	17,648	77,034	57,329	17,492	74,821	53,965	19,363	73,328
40. Sewage systems and connections .....	109,805	12,880	122,685	114,086	12,818	126,904	123,708	13,327	137,035
41. Pumping stations, water .....	10,728	3,388	14,116	13,703	3,132	16,835	22,687	2,205	24,892
42. Water storage tanks .....	2,007	228	2,235	1,246	3,620	4,866	4,781	3,990	8,771
<b>Dams and irrigation .....</b>	<b>71,379</b>	<b>6,972</b>	<b>78,351</b>	<b>104,256</b>	<b>7,387</b>	<b>111,643</b>	<b>167,599</b>	<b>7,382</b>	<b>174,981</b>
43. Dams and reservoirs .....	57,055	2,963	60,018	87,826	3,183	91,009	150,179	3,201	153,380
44. Irrigation and land reclamation projects .....	14,324	4,009	18,333	16,430	4,204	20,634	17,420	4,181	21,601
<b>Electric power construction .....</b>	<b>354,087</b>	<b>57,294</b>	<b>411,381</b>	<b>396,642</b>	<b>58,697</b>	<b>455,339</b>	<b>474,090</b>	<b>62,806</b>	<b>536,896</b>
45. Electric power generating plants, including water conveying and controlling structures .....	183,053	14,068	197,121	190,260	11,586	201,846	225,061	12,630	237,691
46. Electric transformer stations .....	26,345	6,892	33,237	34,523	7,169	41,692	40,787	7,718	48,505
47. Power transmission and distribution lines, trolley wires .....	129,591	30,263	159,854	159,605	33,749	193,354	195,755	36,275	232,030
48. Street lighting .....	15,098	6,071	21,169	12,254	6,193	18,447	12,487	6,183	18,670
<b>Railway, telephone and telegraph .....</b>	<b>231,789</b>	<b>152,234</b>	<b>384,023</b>	<b>225,350</b>	<b>148,449</b>	<b>373,799</b>	<b>227,906</b>	<b>164,161</b>	<b>392,067</b>
49. Railway tracks and roadbed .....	122,161	109,410	231,571	103,279	104,122	207,401	108,173	117,132	225,305
50. Signals and interlockers .....	8,703	7,401	16,104	6,240	7,503	13,743	6,584	8,321	14,905
51. Telegraph and telephone lines, underground and marine cables .....	100,925	35,423	136,348	115,831	36,824	152,655	113,149	38,708	151,857
<b>Gas and oil facilities .....</b>	<b>472,074</b>	<b>47,452</b>	<b>519,526</b>	<b>368,780</b>	<b>50,514</b>	<b>419,294</b>	<b>395,067</b>	<b>52,634</b>	<b>447,701</b>
52. Gas mains and services .....	50,637	5,905	56,542	60,090	5,324	65,414	60,133	5,381	65,514
53. Pumping stations, oil .....	2,104	1,124	3,228	4,121	1,358	5,479	1,171	1,415	2,586
54. Pumping stations, gas .....	13,655	118	13,773	22,990	414	23,404	14,949	489	15,438
55. Oil storage tanks .....	17,991	2,783	20,774	15,987	2,978	18,965	12,305	2,735	15,040
56. Gas storage tanks .....	894	15	909	431	28	459	1,326	69	1,395
57. Oil pipe lines .....	41,121	1,836	42,957	14,282	2,469	16,751	14,218	2,184	16,402
58. Gas pipe lines .....	94,210	1,050	95,260	22,805	1,112	23,917	46,852	1,219	48,071
59. Oil wells .....	115,294	5,853	121,147	119,654	7,976	127,630	126,798	7,938	134,736
60. Gas wells .....	44,868	1,554	46,422	37,938	1,341	39,279	43,945	1,432	45,377
61. Oil refinery — processing units .....	24,260	23,969	48,229	42,927	25,072	67,999	37,089	26,794	63,883
62. Natural gas cleaning plants .....	67,040	3,245	70,285	27,555	2,442	29,997	36,281	2,978	39,259
<b>Other engineering construction .....</b>	<b>283,944</b>	<b>59,819</b>	<b>343,763</b>	<b>274,380</b>	<b>54,579</b>	<b>328,959</b>	<b>314,256</b>	<b>56,646</b>	<b>370,902</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	181,412	26,154	207,566	172,821	24,804	197,625	190,719	25,841	216,560
64. Tunnels and subways .....	18,941	320	19,261	21,019	308	21,327	44,374	302	44,676
65. Incinerators .....	352	51	403	301	49	350	437	59	496
66. Park systems, landscaping, sodding, etc. ....	5,916	4,461	10,377	6,227	5,166	11,393	6,181	5,308	11,489
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4,684	1,578	6,262	4,400	1,540	5,940	4,866	1,578	6,444
68. Mine shafts and other below surface workings .....	28,476	3,345	31,821	22,956	1,918	24,874	23,398	2,237	25,635
69. Fences, snowsheds, signs, guard rails .....	14,468	10,279	24,747	14,132	10,563	24,695	14,253	10,986	25,239
70. Other engineering construction .....	29,695	13,631	43,326	32,524	10,231	42,755	30,028	10,335	40,363



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR, 1961-63<sup>1</sup>

TABLE 10. Primary Industries<sup>2</sup>

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total Value of construction .....</b>	<b>571,680</b>	<b>112,690</b>	<b>684,370</b>	<b>569,612</b>	<b>121,345</b>	<b>690,957</b>	<b>563,587</b>	<b>119,601</b>	<b>683,188</b>
<b>Total building construction .....</b>	<b>233,270</b>	<b>73,399</b>	<b>306,669</b>	<b>267,771</b>	<b>81,424</b>	<b>349,195</b>	<b>259,599</b>	<b>79,165</b>	<b>338,764</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>58,619</b>	<b>9,285</b>	<b>67,904</b>	<b>82,368</b>	<b>12,238</b>	<b>94,606</b>	<b>79,793</b>	<b>10,630</b>	<b>90,423</b>
2. Factories, plants, workshops, food canneries .....	7,969	2,104	10,073	8,526	1,808	10,334	8,594	1,837	10,431
3. Mine and mine mill buildings .....	50,170	7,177	57,347	71,118	10,425	81,543	71,193	8,790	79,983
4. Railway stations, offices, roadway buildings .....	94	4	98	123	4	127	5	2	7
5. Railway shops, engine houses, water and fuel stations .....	386	-	386	2,601	1	2,602	1	1	2
<b>Commercial .....</b>	<b>14,995</b>	<b>2,476</b>	<b>17,471</b>	<b>14,484</b>	<b>2,500</b>	<b>16,984</b>	<b>13,527</b>	<b>2,575</b>	<b>16,102</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,179	1,145	5,324	4,704	1,257	5,961	3,437	1,355	4,792
7. Grain elevators .....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,906	52	1,958	390	60	450	20	58	78
9. Office buildings .....	7,582	1,135	8,717	7,175	1,012	8,187	9,025	976	10,001
10. Stores, retail and wholesale .....	292	5	297	278	3	281	278	6	284
11. Garages and service stations .....	553	107	660	1,142	128	1,270	681	146	827
12. Theatres, arenas, amusement and recreational buildings .....	454	27	481	795	38	833	86	32	118
13. Laundries and dry cleaning establishments .....	29	5	34	-	2	2	-	2	2
<b>Institutional .....</b>	<b>1,531</b>	<b>43</b>	<b>1,574</b>	<b>1,880</b>	<b>112</b>	<b>1,992</b>	<b>823</b>	<b>427</b>	<b>1,250</b>
14. Schools and other educational buildings .....	1,202	9	1,211	1,140	30	1,170	174	43	217
15. Churches and other religious buildings .....	-	1	1	16	15	31	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	329	33	362	724	67	791	649	384	1,033
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>158,125</b>	<b>61,595</b>	<b>219,720</b>	<b>169,039</b>	<b>66,574</b>	<b>235,613</b>	<b>165,456</b>	<b>65,533</b>	<b>230,989</b>
18. Farm buildings (excluding dwellings) .....	150,580	58,287	208,867	164,089	62,937	227,026	161,045	61,888	222,933
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	18	27	45	18	17	35	11	18	29
20. Aeroplane hangars .....	13	-	13	374	1	375	1	1	2
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	7,269	3,251	10,520	4,529	3,533	8,062	4,331	3,541	7,872
24. Other building construction .....	245	30	275	29	86	115	68	85	153
<b>Total engineering construction .....</b>	<b>338,410</b>	<b>39,291</b>	<b>377,701</b>	<b>301,841</b>	<b>39,921</b>	<b>341,762</b>	<b>303,988</b>	<b>40,436</b>	<b>344,424</b>
<b>Marine construction .....</b>	<b>12,979</b>	<b>2,305</b>	<b>15,284</b>	<b>11,733</b>	<b>2,469</b>	<b>14,202</b>	<b>5,825</b>	<b>2,112</b>	<b>7,937</b>
25. Docks, wharves, piers, breakwaters .....	10,427	1,250	11,677	10,070	1,409	11,479	4,953	1,271	6,224
26. Retaining walls, embankments, riprapping .....	196	20	216	487	5	492	3	5	8
27. Canals and waterways .....	218	39	257	171	128	299	102	117	219
28. Dredging and pile driving .....	1,184	251	1,435	225	271	496	101	63	164
29. Dyke construction .....	75	6	81	13	12	25	-	-	-
30. Logging booms .....	240	430	670	264	393	657	148	437	585
31. Other marine construction .....	639	309	948	503	251	754	518	219	737

See footnotes at end of table.



TABLE 10. Primary Industries<sup>2</sup> - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	26,440	13,543	39,983	30,060	12,733	42,793	28,373	12,855	41,228
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	2,782	115	2,897	2,421	241	2,662	2,018	377	2,395
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,066	5,141	13,207	7,620	4,598	12,218	7,144	4,627	11,771
3. Dirt, clay or other streets, roads, parking lots, etc. ....	13,957	8,056	22,013	16,114	7,548	23,662	15,051	7,574	22,625
4. Grading, scraping, oiling, filling .....	1,562	200	1,762	3,367	205	3,572	3,838	126	3,964
5. Sidewalks, paths .....	28	—	28	231	120	351	322	135	457
6. Aerodromes, landing fields, runways, tarmac .....	45	31	76	307	21	328	—	16	16
Waterworks and sewage systems .....	4,992	522	5,514	4,429	692	5,121	5,574	737	6,311
1. Tile drains, drainage ditches, storm sewers .....	170	7	177	1,555	12	1,567	3,003	4	3,007
2. Water mains, hydrants and services .....	2,441	267	2,708	1,793	478	2,271	1,737	414	2,151
3. Sewage systems and connections .....	1,697	115	1,812	659	103	762	572	214	786
4. Pumping stations, water .....	505	121	626	317	95	412	193	102	295
5. Water storage tanks .....	179	12	191	105	4	109	69	3	72
Dams and irrigation .....	9,760	3,432	13,192	10,633	3,862	14,495	10,243	3,684	13,927
1. Dams and reservoirs .....	1,397	193	1,590	1,517	365	1,882	1,297	247	1,544
2. Irrigation and land reclamation projects .....	8,363	3,239	11,602	9,116	3,497	12,613	8,946	3,437	12,383
Electric power construction .....	1,812	707	2,519	4,456	720	5,176	3,979	777	4,756
1. Electric power generating plants, including water conveying and controlling structures .....	692	250	942	1,204	296	1,500	109	407	516
2. Electric transformer stations .....	126	19	145	553	43	596	179	31	210
3. Power transmission and distribution lines, trolley wires .....	979	328	1,307	2,653	354	3,007	3,647	309	3,956
4. Street lighting .....	15	110	125	46	27	73	44	30	74
Railway, telephone and telegraph .....	2,880	1,094	3,974	6,069	1,113	7,182	1,022	1,285	2,307
1. Railway tracks and roadbed .....	2,781	928	3,709	6,020	990	7,010	988	1,156	2,144
2. Signals and interlockers .....	1	—	1	7	6	13	1	2	3
3. Telegraph and telephone lines, underground and marine cables .....	98	166	264	42	117	159	33	127	160
Gas and oil facilities .....	235,983	9,446	245,429	194,907	12,229	207,136	213,617	12,756	226,373
1. Gas mains and services .....	297	5	302	5,273	48	5,321	1,935	51	1,986
2. Pumping stations, oil .....	2	1	3	24	1	25	210	1	211
3. Pumping stations, gas .....	107	—	107	12	1	13	24	—	24
4. Oil storage tanks .....	4,112	317	4,429	2,239	77	2,316	1,434	64	1,498
5. Gas storage tanks .....	4	—	4	13	—	13	18	—	18
6. Oil pipe lines .....	55	12	67	482	7	489	844	5	849
7. Gas pipe lines .....	5,359	292	5,651	2,138	375	2,513	1,822	329	2,151
8. Oil wells .....	115,294	5,853	121,147	119,654	7,976	127,630	126,798	7,938	134,736
9. Gas wells .....	44,630	1,514	46,144	37,272	1,326	38,598	43,765	1,416	45,181
10. Oil refinery - processing units .....	303	—	303	325	—	325	526	—	526
11. Natural gas cleaning plants .....	65,820	1,452	67,272	27,475	2,418	29,893	36,241	2,952	39,193
Other engineering construction .....	43,564	8,242	51,806	39,554	6,103	45,657	35,355	6,230	41,585
1. Bridges, trestles, culverts, overpasses, viaducts .....	494	253	747	213	130	343	324	136	460
2. Tunnels and subways .....	22	—	22	—	—	—	49	—	49
3. Incinerators .....	—	4	4	—	—	—	—	—	—
4. Park systems, landscaping, sodding, etc. ....	59	22	81	327	47	374	4	51	55
5. Swimming pools, tennis courts, outdoor recreation facilities ....	1	24	25	2	32	34	33	31	64
6. Mine shafts and other below surface workings .....	28,474	3,345	31,819	22,951	1,917	24,868	23,304	2,237	25,541
7. Fences, snowsheds, signs, guard rails .....	8,400	3,302	11,702	9,204	3,546	12,750	9,059	3,486	12,545
8. Other engineering construction .....	6,114	1,292	7,406	6,857	431	7,288	2,582	289	2,871

<sup>1</sup> Actual 1961, preliminary 1962, intentions 1963.

<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry.

TABLE 11. Manufacturing

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>279,037</b>	<b>124,546</b>	<b>403,583</b>	<b>346,436</b>	<b>122,797</b>	<b>469,233</b>	<b>320,279</b>	<b>123,903</b>	<b>444,182</b>
<b>Total building construction .....</b>	<b>221,760</b>	<b>88,316</b>	<b>310,076</b>	<b>276,622</b>	<b>90,394</b>	<b>367,016</b>	<b>264,831</b>	<b>89,473</b>	<b>354,304</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>194,676</b>	<b>84,511</b>	<b>279,187</b>	<b>248,268</b>	<b>87,492</b>	<b>335,760</b>	<b>245,898</b>	<b>86,922</b>	<b>332,820</b>
2. Factories, plants, workshops, food canneries .....	193,507	81,196	274,703	245,970	84,767	330,737	239,713	83,879	323,592
3. Mine and mine mill buildings .....	4	68	72	657	13	670	4,678	12	4,690
4. Railway stations, offices, roadway buildings .....	5	4	9	12	3	15	80	2	82
5. Railway shops, engine houses, water and fuel stations.....	1,160	3,243	4,403	1,649	2,709	4,358	1,427	3,029	4,456
<b>Commercial .....</b>	<b>24,932</b>	<b>3,109</b>	<b>28,041</b>	<b>27,225</b>	<b>2,581</b>	<b>29,806</b>	<b>18,443</b>	<b>2,313</b>	<b>20,756</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	15,280	1,031	16,311	14,275	923	15,198	7,635	890	8,525
7. Grain elevators .....	1,293	77	1,370	424	29	453	106	16	122
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	281	98	379	117	79	196	80	81	161
9. Office buildings .....	7,405	1,667	9,072	12,268	1,451	13,719	10,292	1,254	11,546
10. Stores, retail and wholesale .....	226	77	303	20	44	64	36	31	67
11. Garages and service stations .....	434	133	567	109	45	154	289	36	325
12. Theatres, arenas, amusement and recreational buildings.....	13	26	39	5	10	15	5	5	10
13. Laundries and dry cleaning establishments .....	-	-	-	7	-	7	-	-	-
<b>Institutional .....</b>	<b>160</b>	<b>51</b>	<b>211</b>	<b>221</b>	<b>17</b>	<b>238</b>	<b>52</b>	<b>20</b>	<b>72</b>
14. Schools and other educational buildings.....	158	-	158	115	-	115	-	-	-
15. Churches and other religious buildings .....	-	25	25	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	2	26	28	106	17	123	52	20	72
17. Other institutional buildings.....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>1,992</b>	<b>645</b>	<b>2,637</b>	<b>888</b>	<b>304</b>	<b>1,192</b>	<b>438</b>	<b>218</b>	<b>656</b>
18. Farm buildings (excluding dwellings).....	717	143	860	201	115	316	105	67	172
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	7	7	6	-	6	10	-	16
20. Aeroplane hangars .....	310	87	397	32	5	37	20	7	27
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	434	408	842	596	184	780	209	144	353
24. Other building construction.....	531	-	531	53	-	53	94	-	94
<b>Total engineering construction .....</b>	<b>57,277</b>	<b>36,230</b>	<b>93,507</b>	<b>69,814</b>	<b>32,403</b>	<b>102,217</b>	<b>55,448</b>	<b>34,430</b>	<b>89,878</b>
<b>Marine construction .....</b>	<b>6,592</b>	<b>1,685</b>	<b>8,277</b>	<b>3,500</b>	<b>1,204</b>	<b>4,704</b>	<b>2,235</b>	<b>1,136</b>	<b>3,371</b>
25. Docks, wharves, piers, breakwaters .....	4,838	1,061	5,899	3,315	700	4,015	2,103	613	2,716
26. Retaining walls, embankments, riprapping .....	86	19	105	21	78	99	46	8	54
27. Canals and waterways .....	13	51	64	-	-	-	-	-	-
28. Dredging and pile driving .....	89	288	377	128	287	415	10	417	427
29. Dyke construction.....	1	11	12	6	-	6	66	-	72
30. Logging booms .....	93	198	291	30	123	153	10	83	133
31. Other marine construction .....	1,472	57	1,529	-	16	16	-	15	31



TABLE 11. Manufacturing - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>5,572</b>	<b>1,606</b>	<b>7,178</b>	<b>2,190</b>	<b>1,025</b>	<b>3,215</b>	<b>1,883</b>	<b>1,119</b>	<b>3,002</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,229	729	3,958	1,156	523	1,679	947	668	1,615
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	554	504	1,058	330	221	551	477	195	672
34. Dirt, clay or other streets, roads, parking lots, etc. ....	686	324	1,010	191	247	438	209	217	426
35. Grading, scraping, oiling, filling .....	1,009	37	1,046	451	26	477	232	26	258
36. Sidewalks, paths .....	94	12	106	21	8	29	18	11	29
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	41	—	41	—	2	2
<b>Waterworks and sewage systems</b> .....	<b>5,960</b>	<b>1,172</b>	<b>7,132</b>	<b>6,138</b>	<b>940</b>	<b>7,078</b>	<b>4,385</b>	<b>1,025</b>	<b>5,410</b>
38. Tile drains, drainage ditches, storm sewers .....	669	176	845	414	92	506	599	20	619
39. Water mains, hydrants and services .....	2,238	343	2,581	3,337	337	3,674	980	469	1,449
40. Sewage systems and connections .....	1,443	221	1,664	1,396	253	1,649	1,308	261	1,569
41. Pumping stations, water .....	1,411	327	1,738	921	186	1,107	1,360	197	1,557
42. Water storage tanks .....	199	105	304	70	72	142	138	78	216
<b>Dams and irrigation</b> .....	<b>466</b>	<b>85</b>	<b>551</b>	<b>432</b>	<b>140</b>	<b>572</b>	<b>225</b>	<b>129</b>	<b>354</b>
43. Dams and reservoirs .....	466	85	551	430	140	570	225	129	354
44. Irrigation and land reclamation projects .....	—	—	—	2	—	2	—	—	—
<b>Electric power construction</b> .....	<b>4,775</b>	<b>1,193</b>	<b>5,968</b>	<b>5,600</b>	<b>1,566</b>	<b>7,166</b>	<b>3,980</b>	<b>1,696</b>	<b>5,676</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,912	502	2,414	1,260	387	1,647	849	452	1,301
46. Electric transformer stations .....	2,157	463	2,620	1,555	946	2,501	866	957	1,823
47. Power transmission and distribution lines, trolley wires .....	632	204	836	2,762	221	2,983	2,257	266	2,523
48. Street lighting .....	74	24	98	23	12	35	8	21	29
<b>Railway, telephone and telegraph</b> .....	<b>723</b>	<b>807</b>	<b>1,530</b>	<b>1,009</b>	<b>545</b>	<b>1,554</b>	<b>720</b>	<b>532</b>	<b>1,252</b>
49. Railway tracks and roadbed .....	674	775	1,449	1,004	502	1,506	715	494	1,209
50. Signals and interlockers .....	9	2	11	3	—	3	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	40	30	70	2	43	45	5	38	43
<b>Gas and oil facilities</b> .....	<b>31,547</b>	<b>26,765</b>	<b>58,312</b>	<b>49,162</b>	<b>26,242</b>	<b>75,404</b>	<b>41,319</b>	<b>27,969</b>	<b>69,288</b>
52. Gas mains and services .....	32	16	48	32	9	41	10	9	19
53. Pumping stations, oil .....	71	16	87	2	4	6	—	3	3
54. Pumping stations, gas .....	—	14	14	—	—	—	—	—	—
55. Oil storage tanks .....	5,382	858	6,240	5,606	1,075	6,681	3,363	1,093	4,456
56. Gas storage tanks .....	29	—	29	11	—	11	—	—	—
57. Oil pipe lines .....	884	124	1,008	645	55	700	1,383	47	1,430
58. Gas pipe lines .....	72	18	90	142	27	169	—	23	23
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	122	—	122	—	—	—
61. Oil refinery - processing units .....	23,957	23,969	47,926	42,602	25,072	67,674	36,563	26,794	63,357
62. Natural gas cleaning plants .....	1,120	1,750	2,870	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>1,642</b>	<b>2,917</b>	<b>4,559</b>	<b>1,783</b>	<b>741</b>	<b>2,524</b>	<b>701</b>	<b>824</b>	<b>1,525</b>
63. Bridges, testles, culverts, overpasses, viaducts .....	491	253	744	300	148	448	73	143	216
64. Tunnels and subways .....	18	3	21	13	1	14	—	2	2
65. Incinerators .....	62	—	62	28	—	28	111	—	111
66. Park systems, landscaping, sodding, etc. ....	102	245	347	50	208	258	16	186	202
67. Swimming pools, tennis courts, outdoor recreation facilities ..	22	9	31	25	4	29	4	14	18
68. Mine shafts and other below surface workings .....	2	—	2	5	1	6	94	—	94
69. Fences, snowsheds, signs, guard rails .....	262	83	345	179	68	247	312	89	401
70. Other engineering construction .....	683	2,324	3,007	1,183	311	1,494	91	390	481



TABLE 12. Utilities

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>1,088,528</b>	<b>277,316</b>	<b>1,365,844</b>	<b>1,012,866</b>	<b>276,263</b>	<b>1,289,129</b>	<b>1,241,197</b>	<b>299,514</b>	<b>1,540,711</b>
<b>Total building construction.....</b>	<b>118,989</b>	<b>30,977</b>	<b>149,966</b>	<b>99,075</b>	<b>30,572</b>	<b>129,647</b>	<b>93,206</b>	<b>33,044</b>	<b>126,250</b>
<b>Residential.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>21,269</b>	<b>16,252</b>	<b>37,521</b>	<b>20,273</b>	<b>16,500</b>	<b>36,773</b>	<b>17,376</b>	<b>18,673</b>	<b>36,049</b>
2. Factories, plants, workshops, food canneries.....	6,319	1,543	7,862	4,795	1,056	5,851	2,436	1,070	3,506
3. Mine and mine mill buildings .....	157	-	157	539	-	539	-	-	-
4. Railway stations, offices, roadway buildings .....	11,137	11,660	22,797	11,106	11,591	22,697	10,990	13,056	24,046
5. Railway shops, engine houses, water and fuel stations .....	3,656	3,049	6,705	3,833	3,853	7,686	3,950	4,547	8,497
<b>Commercial.....</b>	<b>68,015</b>	<b>12,394</b>	<b>80,409</b>	<b>51,701</b>	<b>10,748</b>	<b>62,449</b>	<b>37,902</b>	<b>10,653</b>	<b>48,555</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	7,124	2,784	9,908	7,238	3,247	10,485	11,872	3,217	15,089
7. Grain elevators .....	20,062	6,667	26,729	23,530	5,176	28,706	10,419	5,133	15,552
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	43	8	51	20	7	27	364	23	387
9. Office buildings .....	34,821	2,304	37,125	17,965	1,832	19,797	13,940	1,662	15,602
10. Stores, retail and wholesale .....	15	1	16	27	-	27	75	-	75
11. Garages and service stations.....	5,950	622	6,572	2,902	486	3,388	1,232	614	1,846
12. Theatres, arenas, amusement and recreational buildings .....	-	8	8	19	-	19	-	4	4
13. Laundries and dry cleaning establishments.....	-	-	-	-	-	-	-	-	-
<b>Institutional.....</b>	<b>63</b>	<b>7</b>	<b>70</b>	<b>-</b>	<b>6</b>	<b>6</b>	<b>-</b>	<b>6</b>	<b>6</b>
14. Schools and other educational buildings.....	63	5	68	-	5	5	-	4	4
15. Churches and other religious buildings.....	-	-	-	-	1	1	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	-	2	2	-	-	-	-	2	2
17. Other institutional buildings.....	-	-	-	-	-	-	-	-	-
<b>Other building construction.....</b>	<b>29,642</b>	<b>2,324</b>	<b>31,966</b>	<b>27,101</b>	<b>3,318</b>	<b>30,419</b>	<b>37,928</b>	<b>3,712</b>	<b>41,640</b>
18. Farm buildings (excluding dwellings).....	-	-	-	-	-	-	-	-	-
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	26,434	1,763	28,197	24,128	1,648	25,776	35,307	1,661	36,968
20. Aeroplane hangars .....	2,843	42	2,885	1,814	100	1,914	466	81	547
21. Passenger terminals, bus, boat or air .....	207	298	505	150	1,468	1,618	1,405	1,870	3,275
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	14	77	91	473	59	532	99	51	150
24. Other building construction.....	144	144	288	536	43	579	651	49	700
<b>Total engineering construction.....</b>	<b>969,539</b>	<b>246,339</b>	<b>1,215,878</b>	<b>913,791</b>	<b>245,691</b>	<b>1,159,482</b>	<b>1,147,991</b>	<b>266,470</b>	<b>1,414,461</b>
<b>Marine construction.....</b>	<b>37,639</b>	<b>3,914</b>	<b>41,553</b>	<b>14,471</b>	<b>3,214</b>	<b>17,685</b>	<b>12,821</b>	<b>2,942</b>	<b>15,863</b>
25. Docks, wharves, piers, breakwaters .....	23,031	2,044	25,075	9,263	1,863	11,126	9,882	2,162	12,044
26. Retaining walls, embankments, riprapping .....	6	151	157	106	16	122	527	9	533
27. Canals and waterways .....	8,417	1,027	9,444	2,365	676	3,041	2,507	403	2,910
28. Dredging and pile driving .....	6,124	666	6,790	2,704	616	3,320	-	332	332
29. Dyke construction.....	-	2	2	-	2	2	-	-	-
30. Logging booms .....	4	-	4	12	21	33	5	15	20
31. Other marine construction.....	57	24	81	21	20	41	-	21	21

TABLE 12. Utilities - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>7,294</b>	<b>842</b>	<b>8,136</b>	<b>6,197</b>	<b>1,126</b>	<b>7,323</b>	<b>33,266</b>	<b>572</b>	<b>33,838</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	2,522	451	2,973	2,591	190	2,781	25,799	292	26,091
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,143	174	4,317	704	120	824	1,274	136	1,410
34. Dirt, clay or other streets, roads, parking lots, etc. ....	331	76	407	638	746	1,384	177	16	193
35. Grading, scraping, oiling, filling .....	190	127	317	2,213	70	2,283	6,008	120	6,128
36. Sidewalks, paths .....	—	14	14	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	108	—	108	51	—	51	8	8	16
<b>Waterworks and sewage systems .....</b>	<b>69,068</b>	<b>18,973</b>	<b>88,041</b>	<b>71,081</b>	<b>21,819</b>	<b>92,900</b>	<b>82,256</b>	<b>22,983</b>	<b>105,239</b>
38. Tile drains, drainage ditches, storm sewers.....	338	138	476	8	15	23	110	17	127
39. Water mains, hydrants and services .....	49,575	15,748	65,323	47,383	15,413	62,796	46,638	17,131	63,769
40. Sewage systems and connections .....	9,174	41	9,215	10,411	16	10,427	10,000	22	10,022
41. Pumping stations, water .....	8,372	2,935	11,307	12,208	2,849	15,057	20,934	1,904	22,838
42. Water storage tanks.....	1,609	111	1,720	1,071	3,526	4,597	4,574	3,909	8,483
<b>Dams and irrigation .....</b>	<b>35,381</b>	<b>778</b>	<b>36,159</b>	<b>68,644</b>	<b>941</b>	<b>69,585</b>	<b>133,058</b>	<b>1,007</b>	<b>134,065</b>
43. Dams and reservoirs .....	35,381	778	36,159	68,616	941	69,557	132,808	1,007	133,815
44. Irrigation and land reclamation projects .....	—	—	—	28	—	28	250	—	250
<b>Electric power construction .....</b>	<b>336,503</b>	<b>48,917</b>	<b>385,420</b>	<b>373,393</b>	<b>49,941</b>	<b>423,334</b>	<b>454,921</b>	<b>53,346</b>	<b>508,267</b>
45. Electric power generating plants, including water conveying and controlling structures .....	177,753	11,402	189,155	183,119	9,012	192,131	222,041	9,720	231,761
46. Electric transformer stations.....	23,854	6,226	30,080	32,283	6,006	38,289	39,649	6,322	45,971
47. Power transmission and distribution lines, trolley wires .....	125,846	28,942	154,788	151,613	32,383	183,996	186,979	34,864	221,843
48. Street lighting .....	9,050	2,347	11,397	6,378	2,540	8,918	6,252	2,440	8,692
<b>Railway, telephone and telegraph .....</b>	<b>225,689</b>	<b>150,017</b>	<b>375,706</b>	<b>215,794</b>	<b>146,498</b>	<b>362,292</b>	<b>223,705</b>	<b>162,034</b>	<b>385,739</b>
49. Railway tracks and roadbed.....	117,185	107,586	224,771	94,890	102,528	197,418	105,326	115,373	220,699
50. Signals and interlockers.....	8,693	7,399	16,092	6,230	7,497	13,727	6,583	8,319	14,902
51. Telegraph and telephone lines, underground and marine cables	99,811	35,032	134,843	114,674	36,473	151,147	111,796	38,342	150,138
<b>Gas and oil facilities .....</b>	<b>196,402</b>	<b>9,641</b>	<b>206,043</b>	<b>117,326</b>	<b>10,385</b>	<b>127,711</b>	<b>132,308</b>	<b>10,321</b>	<b>142,629</b>
52. Gas mains and services .....	50,306	5,879	56,185	54,724	5,262	59,986	57,938	5,317	63,255
53. Pumping stations, oil .....	2,031	1,107	3,138	4,094	1,345	5,439	961	1,407	2,368
54. Pumping stations, gas .....	13,503	93	13,596	22,921	407	23,328	14,888	484	15,372
55. Oil storage tanks.....	1,302	87	1,389	1,496	252	1,748	397	72	469
56. Gas storage tanks .....	147	15	162	183	28	211	1,134	69	1,203
57. Oil pipe lines.....	39,996	1,637	41,633	12,761	2,342	15,103	11,741	2,063	13,804
58. Gas pipe lines .....	88,779	740	89,519	20,523	710	21,233	45,029	867	45,896
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	238	40	278	544	15	559	180	16	196
61. Oil refinery - processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants.....	100	43	143	80	24	104	40	26	66
<b>Other engineering construction .....</b>	<b>61,563</b>	<b>13,257</b>	<b>74,820</b>	<b>46,885</b>	<b>11,767</b>	<b>58,652</b>	<b>75,556</b>	<b>13,265</b>	<b>88,821</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	35,059	9,825	44,884	19,527	9,209	28,736	24,590	10,471	35,061
64. Tunnels and subways .....	17,981	75	18,056	20,055	62	20,117	43,267	62	43,329
65. Incinerators .....	—	1	1	—	—	—	—	10	10
66. Park systems, landscaping, sodding, etc.....	164	21	185	236	30	266	187	37	224
67. Swimming pools, tennis courts, outdoor recreation facilities ...	27	4	31	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	2,395	2,398	4,793	1,285	1,640	2,925	1,343	1,879	3,222
70. Other engineering construction .....	5,937	933	6,870	5,782	826	6,608	6,169	806	6,975



Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Total value of construction .....	451,141	70,306	521,447	443,700	65,148	508,848	401,417	62,733	464,150
Total building construction .....	431,603	67,932	499,535	429,810	62,836	492,646	387,768	60,472	448,240
Residential .....	—	—	—	—	—	—	—	—	—
Industrial .....	5,502	292	5,794	3,585	247	3,832	8,575	371	8,946
2. Factories, plants, workshops, food canneries .....	5,502	292	5,794	3,585	247	3,832	8,185	286	8,471
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	390	85	475
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
Commercial .....	423,689	67,445	491,134	423,234	62,432	485,666	376,192	59,941	436,133
6. Warehouses, storehouses, refrigerated storage, etc. ....	22,753	5,006	27,759	17,776	4,332	22,108	19,408	3,609	23,017
7. Grain elevators .....	2	—	2	3	—	3	20	36	56
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	28,762	11,116	39,878	28,814	8,051	36,865	32,850	8,889	41,739
9. Office buildings .....	195,974	13,485	209,459	180,842	15,530	196,372	146,795	14,293	161,088
10. Stores, retail and wholesale .....	135,545	28,208	163,753	149,458	25,519	174,977	135,404	24,154	159,558
11. Garages and service stations .....	23,131	7,345	30,476	23,349	6,998	30,347	22,953	7,012	29,965
12. Theatres, arenas, amusement and recreational buildings .....	15,948	1,402	17,350	22,070	1,053	23,123	17,998	1,070	19,068
13. Laundries and dry cleaning establishments .....	1,574	883	2,457	922	949	1,871	764	878	1,642
Institutional .....	2,334	190	2,524	2,804	150	2,954	2,663	152	2,815
14. Schools and other educational buildings .....	—	—	—	280	—	280	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,964	188	2,152	2,275	150	2,425	2,663	152	2,815
17. Other institutional buildings .....	370	2	372	249	—	249	—	—	—
Other building construction .....	78	5	83	187	7	194	338	8	346
18. Farm buildings (excluding dwellings) .....	56	2	58	187	7	194	338	8	346
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Other building construction .....	22	3	25	—	—	—	—	—	—
Total engineering construction .....	19,538	2,374	21,912	13,890	2,312	16,202	13,649	2,261	15,910
Marine construction .....	1,317	23	1,340	697	40	737	466	37	503
25. Docks, wharves, piers, breakwaters .....	1,073	19	1,092	697	40	737	460	37	497
26. Retaining walls, embankments, riprapping .....	76	—	76	—	—	—	4	—	4
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	166	—	166	—	—	—	—	—	—
29. Dyke construction .....	2	4	6	—	—	—	2	—	2
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	—	—	—	—	—	—



TABLE 13. Trade Finance and Commercial Services - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>6,244</b>	<b>372</b>	<b>6,616</b>	<b>4,921</b>	<b>309</b>	<b>5,230</b>	<b>4,489</b>	<b>343</b>	<b>4,832</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	4,284	327	4,591	4,233	262	4,495	3,970	290	4,260
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	547	29	576	290	33	323	306	38	344
34. Dirt, clay or other streets, roads, parking lots, etc. ....	867	4	871	26	2	28	7	2	9
35. Grading, scraping, oiling, filling .....	389	11	400	303	9	312	161	10	171
36. Sidewalks, paths .....	177	1	178	69	3	72	45	3	48
37. Aerodromes, landing fields, runways, tarmac .....	-	-	-	-	-	-	-	-	-
<b>Waterworks and sewage systems .....</b>	<b>3,034</b>	<b>15</b>	<b>3,049</b>	<b>1,387</b>	<b>14</b>	<b>1,401</b>	<b>1,325</b>	<b>10</b>	<b>1,335</b>
38. Tile drains, drainage ditches, storm sewers .....	753	5	758	346	4	350	331	4	335
39. Water mains, hydrants and services .....	544	2	546	748	3	751	706	-	706
40. Sewage systems and connections .....	1,360	8	1,368	236	7	243	288	6	294
41. Pumping stations, water .....	377	-	377	57	-	57	-	-	-
42. Water storage tanks .....	-	-	-	-	-	-	-	-	-
<b>Dams and irrigation .....</b>	<b>34</b>	<b>2</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
43. Dams and reservoirs .....	2	2	4	-	-	-	-	-	-
44. Irrigation and land reclamation projects .....	32	-	32	-	-	-	-	-	-
<b>Electric power construction .....</b>	<b>696</b>	<b>7</b>	<b>703</b>	<b>184</b>	<b>5</b>	<b>189</b>	<b>115</b>	<b>6</b>	<b>121</b>
45. Electric power generating plants, including water conveying and controlling structures .....	-	-	-	-	-	-	-	1	1
46. Electric transformer stations .....	-	1	1	-	-	-	-	-	-
47. Power transmission and distribution lines, trolley wires .....	66	-	66	112	5	117	69	5	74
48. Street lighting .....	630	6	636	72	-	72	46	-	46
<b>Railway, telephone and telegraph .....</b>	<b>63</b>	<b>16</b>	<b>79</b>	<b>20</b>	<b>-</b>	<b>20</b>	<b>9</b>	<b>-</b>	<b>9</b>
49. Railway tracks and roadbed .....	45	16	61	8	-	8	9	-	9
50. Signals and interlockers .....	-	-	-	-	-	-	-	-	-
51. Telegraph and telephone lines, underground and marine cables .....	18	-	18	12	-	12	-	-	-
<b>Gas and oil facilities .....</b>	<b>6,707</b>	<b>1,459</b>	<b>8,166</b>	<b>6,045</b>	<b>1,521</b>	<b>7,566</b>	<b>6,481</b>	<b>1,446</b>	<b>7,927</b>
52. Gas mains and services .....	-	-	-	1	-	1	-	-	-
53. Pumping stations, oil .....	-	-	-	1	8	9	-	4	4
54. Pumping stations, gas .....	45	11	56	57	6	63	37	5	42
55. Oil storage tanks .....	5,789	1,442	7,231	5,386	1,498	6,884	6,037	1,427	7,464
56. Gas storage tanks .....	709	-	709	224	-	224	174	-	174
57. Oil pipe lines .....	164	6	170	375	9	384	233	10	243
58. Gas pipe lines .....	-	-	-	1	-	1	-	-	-
59. Oil wells .....	-	-	-	-	-	-	-	-	-
60. Gas wells .....	-	-	-	-	-	-	-	-	-
61. Oil refinery - processing units .....	-	-	-	-	-	-	-	-	-
62. Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>1,443</b>	<b>480</b>	<b>1,923</b>	<b>636</b>	<b>423</b>	<b>1,059</b>	<b>764</b>	<b>419</b>	<b>1,183</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	67	-	67	39	3	42	3	3	6
64. Tunnels and subways .....	-	-	-	-	-	-	-	-	-
65. Incinerators .....	1	-	1	-	-	-	4	-	4
66. Park systems, landscaping, sodding, etc. ....	128	2	128	85	3	88	313	3	316
67. Swimming pools, tennis courts, outdoor recreation facilities ....	703	453	1,156	247	402	649	65	398	463
68. Mine shafts and other below surface workings .....	-	-	-	-	-	-	-	-	-
69. Fences, snowsheds, signs, guard rails .....	226	18	244	206	9	215	205	8	213
70. Other engineering construction .....	320	7	327	59	6	65	174	7	181

TABLE 14. Federal Government Departments

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>308,313</b>	<b>79,248</b>	<b>387,561</b>	<b>283,296</b>	<b>76,518</b>	<b>359,814</b>	<b>246,730</b>	<b>81,458</b>	<b>328,188</b>
<b>Total building construction .....</b>	<b>156,893</b>	<b>45,676</b>	<b>202,569</b>	<b>146,044</b>	<b>44,050</b>	<b>190,094</b>	<b>129,077</b>	<b>46,966</b>	<b>176,043</b>
2. Factories, plants, workshops, food canneries .....	13,029	5,836	18,865	14,486	5,593	20,079	16,862	5,871	22,733
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,297	1,909	4,206	2,021	1,763	3,784	1,685	1,866	3,551
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,209	1,352	3,561	2,180	1,313	3,493	2,021	1,375	3,396
9. Office buildings .....	37,265	10,332	47,597	33,920	10,151	44,071	28,770	10,732	39,502
10. Stores, retail and wholesale .....	76	163	239	68	161	229	60	168	228
11. Garages and service stations .....	1,810	531	2,341	1,635	508	2,143	1,409	535	1,944
12. Theatres, arenas, amusement and recreational buildings .....	3,323	909	4,232	3,041	895	3,936	2,732	941	3,673
14. Schools and other educational buildings .....	8,347	2,701	11,048	7,900	2,593	10,493	6,501	2,728	9,229
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,581	1,543	7,124	5,243	1,517	6,760	4,735	1,606	6,341
17. Other institutional buildings .....	2,838	183	3,021	2,524	180	2,704	2,304	189	2,493
18. Farm buildings (excluding dwellings) .....	1,355	240	1,595	1,209	228	1,437	1,060	238	1,298
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	39,364	428	39,792	35,785	422	36,207	30,480	447	30,927
20. Aeroplane hangars .....	1,987	3,351	5,338	1,764	3,311	5,075	1,547	3,486	5,033
21. Passenger terminals, bus, boat or air .....	22,199	125	22,324	20,413	123	20,536	17,179	131	17,310
22. Armouries, barracks, drill halls, etc. ....	9,749	14,138	23,887	8,807	13,378	22,185	7,588	14,659	22,247
24. Other building construction .....	5,464	1,935	7,399	5,048	1,914	6,962	4,144	1,994	6,138
<b>Total engineering construction .....</b>	<b>151,420</b>	<b>33,572</b>	<b>184,992</b>	<b>137,252</b>	<b>32,468</b>	<b>169,720</b>	<b>117,653</b>	<b>34,492</b>	<b>152,145</b>
25. Docks, wharves, piers, breakwaters .....	29,079	2,779	31,858	26,020	2,731	28,751	22,629	2,860	25,489
26. Retaining walls, embankments, riprapping .....	671	553	1,224	624	548	1,172	517	746	1,263
27. Canals and waterways .....	310	387	697	285	385	670	238	409	647
28. Dredging and pile driving .....	6,598	3,550	10,148	6,082	3,473	9,555	5,088	3,787	8,875
29. Dyke construction .....	836	144	980	740	144	884	651	149	800
31. Other marine construction .....	1,187	192	1,379	1,050	187	1,237	933	195	1,128
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	23,438	2,600	26,038	20,644	2,517	23,161	18,103	2,657	20,760
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,233	4,031	17,264	11,740	3,839	15,579	10,587	4,136	14,723
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,009	279	2,288	1,788	272	2,060	1,578	279	1,857
35. Grading, scraping, oiling, filling .....	86	795	881	86	759	845	75	796	871
37. Aerodromes, landing fields, runways, tarmac .....	26,431	2,314	28,745	23,956	2,288	26,244	20,534	2,375	22,909
38. Tile drains, drainage ditches, storm sewers .....	396	955	1,351	330	917	1,247	302	965	1,267
39. Water mains, hydrants and services .....	3,814	1,136	4,950	3,566	1,100	4,666	3,130	1,156	4,286
40. Sewage systems and connections .....	2,439	614	3,053	2,265	601	2,866	2,002	629	2,631
43. Dams and reservoirs .....	19,476	1,905	21,381	16,844	1,737	18,581	15,361	1,818	17,179
44. Irrigation and land reclamation projects .....	1,060	763	1,823	953	700	1,653	830	737	1,567
45. Electric power generating plants, including water conveying and controlling structures .....	2,416	1,646	4,062	4,353	1,624	5,977	1,393	1,704	3,097
46. Electric transformer stations .....	87	174	261	76	169	245	66	179	245
47. Power transmission and distribution lines, trolley wires .....	1,229	782	2,011	1,092	764	1,856	940	804	1,744
55. Oil storage tanks .....	1,386	79	1,465	1,260	76	1,336	1,074	79	1,153
57. Oil pipe lines .....	22	57	79	19	56	75	17	59	76
63. Bridges, trestles, culverts, overpasses, viaducts .....	6,018	779	6,797	5,121	752	5,873	4,337	790	5,127
66. Park systems, landscaping, sodding, etc. ....	1,705	1,905	3,610	1,525	1,870	3,395	1,326	1,947	3,273
67. Swimming pools, tennis courts, outdoor recreation facilities ....	754	367	1,121	666	355	1,021	591	370	961
69. Fences, snowsheds, signs, guard rails .....	1,693	1,752	3,445	1,521	1,682	3,203	1,322	1,761	3,083
70. Other engineering construction .....	5,047	3,034	8,081	4,646	2,922	7,568	4,029	3,105	7,134



TABLE 15. Provincial Government Departments

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>462,976</b>	<b>145,900</b>	<b>608,876</b>	<b>524,200</b>	<b>151,727</b>	<b>675,927</b>	<b>581,503</b>	<b>152,350</b>	<b>733,853</b>
<b>Total building construction .....</b>	<b>37,133</b>	<b>20,810</b>	<b>57,943</b>	<b>42,585</b>	<b>21,475</b>	<b>64,060</b>	<b>47,013</b>	<b>22,414</b>	<b>69,427</b>
2. Factories, plants, workshops, food canneries .....	443	321	764	414	255	669	419	260	679
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,123	283	1,406	1,350	309	1,659	1,536	342	1,878
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	103	31	134	134	51	185	159	54	213
9. Office buildings .....	16,315	9,369	25,684	19,717	9,284	29,001	21,912	9,575	31,487
11. Garages and service stations .....	1,820	419	2,239	1,846	650	2,496	2,067	674	2,741
12. Theatres, arenas, amusement and recreational buildings .....	675	738	1,413	735	534	1,269	893	527	1,420
17. Other institutional buildings .....	14,384	7,022	21,406	16,122	7,452	23,574	17,605	7,809	25,414
24. Other building construction .....	2,270	2,627	4,897	2,267	2,940	5,207	2,422	3,173	5,595
<b>Total engineering construction .....</b>	<b>425,843</b>	<b>125,090</b>	<b>550,933</b>	<b>481,615</b>	<b>130,252</b>	<b>611,867</b>	<b>534,490</b>	<b>129,936</b>	<b>664,426</b>
25. Docks, wharves, piers, breakwaters .....	1,284	190	1,474	1,209	309	1,518	1,331	322	1,653
28. Dredging and pile driving .....	4,973	39	5,012	7,350	63	7,413	8,911	65	8,976
31. Other marine construction .....	796	728	1,524	1,052	1,101	2,153	1,166	1,124	2,290
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	189,909	40,802	230,711	217,209	44,021	261,230	247,692	43,192	290,884
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	83,432	47,873	131,305	94,255	45,418	139,673	97,086	45,550	142,636
34. Dirt, clay or other streets, roads, parking lots, etc. ....	11,369	946	12,315	13,312	754	14,066	15,019	754	15,773
35. Grading, scraping, oling, filling .....	9,967	11,738	21,705	11,906	14,623	26,529	15,176	14,881	30,057
38. Tile drains, drainage ditches, storm sewers .....	980	1,499	2,479	1,181	2,182	3,363	1,418	2,262	3,680
39. Water mains, hydrants and services .....	91	37	128	98	41	139	111	47	158
43. Dams and reservoirs .....	165	—	165	243	—	243	294	—	294
44. Irrigation and land reclamation projects .....	4,835	2	4,837	6,314	2	6,316	7,378	2	7,380
47. Power transmission and distribution lines, trolley wires .....	839	4	843	1,235	7	1,242	1,496	7	1,503
51. Telegraph and telephone lines, underground and marine cables .....	669	19	688	835	16	851	1,099	16	1,115
53. Bridges, trestles, culverts, overpasses, viaducts .....	109,707	12,203	121,910	116,743	11,611	128,354	126,083	11,303	137,386
6. Park systems, landscaping, sodding, etc. ....	953	1,530	2,483	997	2,119	3,116	1,128	2,219	3,347
7. Swimming pools, tennis courts, outdoor recreation facilities ....	103	41	144	144	66	210	178	69	247
9. Fences, snowsheds, signs, guard rails .....	1,191	2,511	3,702	1,425	3,411	4,836	1,670	3,554	5,224
0. Other engineering construction .....	4,580	4,928	9,508	6,107	4,508	10,615	7,254	4,569	11,823



TABLE 16. Municipal Government Departments<sup>1</sup>

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>353,664</b>	<b>97,588</b>	<b>451,252</b>	<b>373,147</b>	<b>98,010</b>	<b>471,157</b>	<b>413,574</b>	<b>100,485</b>	<b>514,059</b>
<b>Total building construction .....</b>	<b>56,765</b>	<b>10,141</b>	<b>66,906</b>	<b>60,230</b>	<b>10,058</b>	<b>70,288</b>	<b>67,342</b>	<b>10,266</b>	<b>77,608</b>
9. Office buildings .....	11,967	2,081	14,048	12,758	2,102	14,860	13,969	2,155	16,124
12. Theatres, arenas, amusement and recreational buildings .....	22,185	3,444	25,629	23,544	3,291	26,835	26,193	3,330	29,523
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,167	318	7,485	7,523	323	7,846	8,776	329	9,105
24. Other building construction .....	15,446	4,298	19,744	16,405	4,342	20,747	18,404	4,452	22,856
<b>Total engineering construction .....</b>	<b>296,899</b>	<b>87,447</b>	<b>384,346</b>	<b>312,917</b>	<b>87,952</b>	<b>400,869</b>	<b>346,232</b>	<b>90,219</b>	<b>436,451</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	135,396	58,935	194,331	142,518	59,404	201,922	157,376	61,032	218,408
36. Sidewalks, paths .....	15,051	4,130	19,181	15,762	4,163	19,925	16,823	4,269	21,092
40. Sewage systems and connections .....	93,451	11,864	105,315	98,816	11,816	110,632	109,003	12,173	121,176
48. Street lighting .....	4,557	3,088	7,645	4,995	2,983	7,978	5,348	3,033	8,381
63. Bridges, trestles, culverts, overpasses, viaducts .....	29,576	2,841	32,417	30,878	2,951	33,829	35,309	2,995	38,304
70. Other engineering construction .....	18,868	6,589	25,457	19,948	6,635	26,583	22,373	6,717	29,090

<sup>1</sup> Due to a change in the method of collecting municipal statistics further detail is no longer available.

TABLE 17. Housing and Institutional Services

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>1,467,000</b>	<b>484,000</b>	<b>1,951,000</b>	<b>1,587,000</b>	<b>513,000</b>	<b>2,100,000</b>	<b>1,571,100</b>	<b>544,000</b>	<b>2,115,100</b>
<b>Institutional:</b>									
<b>Total value of work performed .....</b>	<b>535,951</b>	<b>64,495</b>	<b>600,446</b>	<b>701,206</b>	<b>62,874</b>	<b>764,080</b>	<b>721,246</b>	<b>65,499</b>	<b>786,745</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	537	35	572	862	8	870	1,500	11	1,511
9. Office buildings .....	175	—	175	220	2	222	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	2,226	38	2,264	1,627	15	1,642	1,006	14	1,020
14. Schools and other educational buildings .....	312,359	35,851	348,210	476,745	36,409	513,154	475,104	36,939	512,043
15. Churches and other religious buildings .....	59,590	8,830	68,420	53,286	6,504	59,790	47,700	6,098	53,798
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	144,126	18,055	162,181	148,463	18,140	166,603	167,959	20,340	188,299
17. Other institutional buildings .....	9,959	1,220	11,179	9,764	1,306	11,070	20,593	1,378	21,971
18. Farm buildings (excluding dwellings) .....	144	48	192	11	40	51	3	43	46
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,351	117	4,468	8,039	78	8,117	3,286	107	3,393
24. Other building construction .....	828	17	845	176	9	185	592	1	593
<b>Total engineering construction .....</b>	<b>1,656</b>	<b>284</b>	<b>1,940</b>	<b>2,013</b>	<b>363</b>	<b>2,376</b>	<b>3,503</b>	<b>568</b>	<b>4,071</b>

VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - PROVINCES, 1961-63

TABLE 18. Newfoundland

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction .....	144,648	24,843	169,491	184,553	27,259	211,812	148,163	29,598	177,761
Total building construction .....	83,301	13,882	97,183	117,831	13,371	131,202	91,229	14,963	106,192
Residential .....	24,800	8,200	33,000	21,500	7,200	28,700	22,000	7,600	29,600
Industrial .....	32,395	1,556	33,951	51,500	1,902	53,402	41,135	2,732	43,867
Commercial .....	8,050	1,594	9,644	6,711	1,678	8,389	7,494	1,862	9,356
Institutional .....	13,333	1,515	14,848	33,888	1,482	35,370	15,488	1,685	17,173
Other building construction .....	4,723	1,017	5,740	4,232	1,109	5,341	5,112	1,084	6,196
Total engineering construction .....	61,347	10,961	72,308	66,722	13,888	80,610	56,934	14,635	71,569
Marine construction .....	20,128	1,255	21,383	18,458	1,499	19,957	11,858	1,785	13,643
Road, highway and aerodrome construction .....	10,655	5,981	16,636	18,364	8,934	27,298	18,683	9,113	27,796
Waterworks and sewage systems .....	2,513	813	3,326	3,263	705	3,968	4,106	887	4,993
Dams and irrigation .....	275	77	352	480	70	550	595	32	627
Electric power construction .....	14,475	981	15,456	12,145	828	12,973	16,784	621	17,405
Railway, telephone and telegraph .....	5,510	1,045	6,555	7,299	1,006	8,305	2,248	1,415	3,663
Gas and oil facilities .....	5,715	35	5,750	152	15	167	146	14	160
Other engineering construction .....	2,076	774	2,850	6,561	831	7,392	2,514	768	3,282

TABLE 19. Prince Edward Island

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Total value of construction .....	24,975	7,279	32,254	28,941	7,109	36,050	27,593	7,397	34,990
Total building construction .....	14,827	4,069	18,896	17,740	4,638	22,378	16,119	4,842	20,961
Residential .....	6,000	1,900	7,900	7,800	2,600	10,400	7,900	2,700	10,600
Industrial .....	1,099	219	1,318	182	253	435	242	332	574
Commercial .....	2,784	538	3,322	2,691	465	3,156	2,962	491	3,453
Institutional .....	3,402	332	3,734	5,604	320	5,924	3,655	257	3,912
Other building construction .....	1,542	1,080	2,622	1,463	1,000	2,463	1,360	1,062	2,422
Total engineering construction .....	10,148	3,210	13,358	11,201	2,471	13,672	11,474	2,555	14,029
Marine construction .....	1,238	570	1,808	1,028	470	1,498	971	523	1,494
Road, highway and aerodrome construction .....	5,778	1,480	7,258	6,661	1,062	7,723	6,511	1,086	7,597
Waterworks and sewage systems .....	351	164	515	201	74	275	135	70	205
Dams and irrigation .....	32	48	80	33	50	83	33	48	81
Electric power construction .....	1,410	203	1,613	1,922	205	2,127	2,688	215	2,903
Railway, telephone and telegraph .....	570	204	774	690	167	857	628	175	803
Gas and oil facilities .....	253	4	257	47	—	47	19	—	19
Other engineering construction .....	516	537	1,053	619	443	1,062	489	438	927



TABLE 20. Nova Scotia

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>150,799</b>	<b>54,046</b>	<b>204,845</b>	<b>150,265</b>	<b>52,507</b>	<b>202,772</b>	<b>163,255</b>	<b>55,950</b>	<b>219,205</b>
<b>Total building construction .....</b>	<b>106,888</b>	<b>31,673</b>	<b>138,561</b>	<b>105,968</b>	<b>28,602</b>	<b>134,570</b>	<b>96,916</b>	<b>29,288</b>	<b>126,204</b>
<b>Residential .....</b>	<b>49,300</b>	<b>16,400</b>	<b>65,700</b>	<b>44,100</b>	<b>14,400</b>	<b>58,500</b>	<b>44,000</b>	<b>15,200</b>	<b>59,200</b>
<b>Industrial .....</b>	<b>12,716</b>	<b>2,935</b>	<b>15,651</b>	<b>7,223</b>	<b>2,778</b>	<b>10,001</b>	<b>6,063</b>	<b>2,925</b>	<b>8,988</b>
2. Factories, plants, workshops, food canneries .....	11,981	2,498	14,479	5,902	2,241	8,143	5,477	2,258	7,735
3. Mine and mine mill buildings .....	310	6	316	849	38	887	88	93	181
4. Railway stations, offices, roadway buildings .....	309	296	605	302	337	639	319	392	711
5. Railway shops, engine houses, water and fuel stations .....	116	135	251	170	162	332	179	182	361
<b>Commercial .....</b>	<b>14,944</b>	<b>4,922</b>	<b>19,866</b>	<b>14,669</b>	<b>4,121</b>	<b>18,790</b>	<b>13,546</b>	<b>3,781</b>	<b>17,327</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,694	677	2,371	964	694	1,658	1,390	710	2,100
7. Grain elevators .....	31	66	97	1	95	96	1	85	86
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	628	1,081	1,709	1,030	267	1,297	1,181	271	1,452
9. Office buildings .....	4,904	1,487	6,391	4,342	1,677	6,019	4,683	1,383	6,066
10. Stores, retail and wholesale .....	5,928	900	6,828	5,694	767	6,461	3,523	757	4,280
11. Garages and service stations .....	1,369	399	1,768	2,395	284	2,679	2,511	223	2,734
12. Theatres, arenas, amusement and recreational buildings .....	228	308	536	243	308	551	257	323	580
13. Laundries and dry cleaning establishments .....	162	4	166	—	29	29	—	29	29
<b>Institutional .....</b>	<b>21,188</b>	<b>2,501</b>	<b>23,689</b>	<b>32,539</b>	<b>2,535</b>	<b>35,074</b>	<b>26,801</b>	<b>2,307</b>	<b>29,108</b>
14. Schools and other educational buildings .....	11,569	1,117	12,686	19,400	1,278	20,678	11,038	1,046	12,084
15. Churches and other religious buildings .....	2,543	249	2,792	2,134	332	2,466	1,019	285	1,304
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4,463	754	5,217	7,259	477	7,736	11,468	513	11,981
17. Other institutional buildings .....	2,613	381	2,994	3,746	448	4,194	3,276	463	3,739
<b>Other building construction .....</b>	<b>8,740</b>	<b>4,915</b>	<b>13,655</b>	<b>7,437</b>	<b>4,768</b>	<b>12,205</b>	<b>6,506</b>	<b>5,075</b>	<b>11,581</b>
18. Farm buildings (excluding dwellings) .....	2,253	1,324	3,577	2,345	1,378	3,723	2,322	1,367	3,689
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,523	142	2,665	2,132	91	2,223	1,767	78	1,845
20. Aeroplane hangars .....	801	527	1,328	1,198	527	1,725	451	554	1,005
21. Passenger terminals, bus, boat or air .....	230	22	252	239	11	250	565	7	572
22. Armouries, barracks, drill halls, etc. ....	1,105	1,857	2,962	980	1,719	2,699	859	1,954	2,813
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,337	92	1,429	78	73	151	74	74	148
24. Other building construction .....	491	951	1,442	465	969	1,434	468	1,041	1,509
<b>Total engineering construction .....</b>	<b>43,911</b>	<b>22,373</b>	<b>66,284</b>	<b>44,297</b>	<b>23,905</b>	<b>68,202</b>	<b>66,339</b>	<b>26,662</b>	<b>93,001</b>
<b>Marine construction .....</b>	<b>4,582</b>	<b>1,781</b>	<b>6,363</b>	<b>3,820</b>	<b>1,743</b>	<b>5,563</b>	<b>4,150</b>	<b>1,812</b>	<b>5,962</b>
25. Docks, wharves, piers, breakwaters .....	3,655	1,062	4,717	2,839	1,088	3,927	3,428	1,126	4,554
26. Retaining walls, embankments, riprapping .....	36	30	66	61	25	86	28	23	51
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	134	519	653	252	519	771	104	546	650
29. Dyke construction .....	729	101	830	646	101	747	567	106	673
30. Logging booms .....	6	—	6	—	—	—	—	—	—
31. Other marine construction .....	22	69	91	22	10	32	23	11	34



TABLE 20. Nova Scotia — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>16,196</b>	<b>9,633</b>	<b>25,829</b>	<b>18,055</b>	<b>11,235</b>	<b>29,290</b>	<b>20,555</b>	<b>11,875</b>	<b>32,430</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	13,622	5,733	19,355	15,129	6,775	21,904	17,354	7,218	24,572
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,506	3,307	4,813	1,522	3,882	5,404	1,776	4,038	5,814
34. Dirt, clay or other streets, roads, parking lots, etc. ....	424	283	707	507	251	758	369	249	618
35. Grading, scraping, oiling, filling .....	1	24	25	—	23	23	—	24	24
36. Sidewalks, paths .....	309	98	407	566	116	682	796	148	944
37. Aerodromes, landing fields, runways, tarmac .....	334	188	522	331	188	519	260	198	458
<b>Waterworks and sewage systems .....</b>	<b>4,006</b>	<b>989</b>	<b>4,997</b>	<b>3,452</b>	<b>958</b>	<b>4,410</b>	<b>6,326</b>	<b>1,018</b>	<b>7,344</b>
38. Tile drains, drainage ditches, storm sewers .....	15	39	54	14	40	54	256	42	298
39. Water mains, hydrants and services .....	1,997	694	2,691	970	638	1,608	2,689	638	3,327
40. Sewage systems and connections .....	1,458	213	1,671	2,410	243	2,653	3,357	294	3,651
41. Pumping stations, water .....	439	43	482	58	37	95	24	44	68
42. Water storage tanks .....	99	—	99	—	—	—	—	—	—
<b>Dams and irrigation .....</b>	<b>1,101</b>	<b>122</b>	<b>1,223</b>	<b>570</b>	<b>125</b>	<b>695</b>	<b>804</b>	<b>233</b>	<b>1,037</b>
43. Dams and reservoirs .....	969	49	1,018	434	49	483	670	158	828
44. Irrigation and land reclamation projects .....	132	73	205	136	76	212	134	75	209
<b>Electric power construction .....</b>	<b>6,082</b>	<b>1,646</b>	<b>7,728</b>	<b>5,822</b>	<b>1,832</b>	<b>7,654</b>	<b>12,472</b>	<b>2,423</b>	<b>14,895</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,998	268	2,266	629	230	859	3,433	326	3,759
46. Electric transformer stations .....	270	39	309	270	61	331	1,571	155	1,726
47. Power transmission and distribution lines, trolley wires .....	3,609	1,268	4,877	4,469	1,399	5,868	7,004	1,792	8,796
48. Street lighting .....	205	71	276	454	142	596	464	150	614
<b>Railway, telephone and telegraph .....</b>	<b>5,995</b>	<b>4,047</b>	<b>10,042</b>	<b>5,500</b>	<b>3,757</b>	<b>9,257</b>	<b>5,719</b>	<b>4,362</b>	<b>10,081</b>
49. Railway tracks and roadbed .....	3,000	3,074	6,074	2,518	3,051	5,569	2,717	3,477	6,194
50. Signals and interlockers .....	171	175	346	170	186	356	180	216	396
51. Telegraph and telephone lines, underground and marine cables .....	2,824	798	3,622	2,812	520	3,332	2,822	669	3,491
<b>Gas and oil facilities .....</b>	<b>235</b>	<b>1,485</b>	<b>1,720</b>	<b>1,645</b>	<b>1,469</b>	<b>3,114</b>	<b>9,975</b>	<b>1,666</b>	<b>11,641</b>
52. Gas mains and services .....	6	—	6	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	14	14	—	—	—	—	—	—
55. Oil storage tanks .....	189	49	238	470	29	499	1,706	24	1,730
56. Gas storage tanks .....	40	—	40	—	—	—	—	—	—
57. Oil pipe lines .....	—	38	38	44	40	84	1,100	42	1,142
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	150	—	150
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — processing units .....	—	1,384	1,384	1,131	1,400	2,531	7,019	1,600	8,619
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>5,712</b>	<b>2,670</b>	<b>8,382</b>	<b>5,433</b>	<b>2,786</b>	<b>8,219</b>	<b>6,338</b>	<b>3,273</b>	<b>9,611</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,219	1,728	4,947	3,356	1,879	5,235	3,776	2,062	5,838
64. Tunnels and subways .....	—	24	24	1	24	25	1	25	26
65. Incinerators .....	—	1	1	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	37	252	289	39	250	289	33	263	296
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4	31	35	4	31	35	3	33	36
68. Mine shafts and other below surface workings .....	327	232	559	201	214	415	769	474	1,243
69. Fences, snowsheds, signs, guard rails .....	436	190	626	391	172	563	494	183	677
70. Other engineering construction .....	1,689	212	1,901	1,441	216	1,657	1,262	233	1,495

TABLE 21. New Brunswick

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>115,876</b>	<b>41,367</b>	<b>157,243</b>	<b>110,865</b>	<b>42,818</b>	<b>153,683</b>	<b>111,946</b>	<b>44,054</b>	<b>156,000</b>
<b>Total building construction</b> .....	<b>62,120</b>	<b>18,751</b>	<b>80,871</b>	<b>66,246</b>	<b>18,715</b>	<b>84,961</b>	<b>67,706</b>	<b>19,581</b>	<b>87,287</b>
<b>Residential</b> .....	<b>28,600</b>	<b>9,700</b>	<b>38,300</b>	<b>30,000</b>	<b>9,700</b>	<b>39,700</b>	<b>29,900</b>	<b>10,300</b>	<b>40,200</b>
<b>Industrial</b> .....	<b>4,477</b>	<b>2,726</b>	<b>7,203</b>	<b>5,754</b>	<b>2,561</b>	<b>8,315</b>	<b>9,239</b>	<b>2,919</b>	<b>12,158</b>
2. Factories, plants, workshops, food canneries.....	3,536	1,874	5,410	4,377	1,373	5,750	7,984	1,610	9,594
3. Mine and mine mill buildings.....	187	—	187	182	13	195	34	18	52
4. Railway stations, offices, roadway buildings.....	530	556	1,086	472	555	1,027	461	633	1,094
5. Railway shops, engine houses, water and fuel stations.....	224	296	520	723	620	1,343	760	658	1,418
<b>Commercial</b> .....	<b>12,614</b>	<b>3,203</b>	<b>15,817</b>	<b>10,847</b>	<b>3,348</b>	<b>14,195</b>	<b>9,925</b>	<b>3,227</b>	<b>13,152</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,378	466	1,844	884	471	1,355	1,109	450	1,559
7. Grain elevators.....	8	101	109	4	36	40	2	29	31
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	561	250	811	384	256	640	232	257	489
9. Office buildings.....	4,628	1,361	5,989	4,800	1,528	6,328	4,545	1,497	6,042
10. Stores, retail and wholesale.....	3,054	619	3,673	2,704	615	3,319	2,532	637	3,169
11. Garages and service stations.....	1,267	301	1,568	907	296	1,203	1,119	248	1,367
12. Theatres, arenas, amusement and recreational buildings.....	1,523	76	1,599	1,084	65	1,149	338	69	407
13. Laundries and dry cleaning establishments.....	195	29	224	80	81	161	48	40	88
<b>Institutional</b> .....	<b>12,538</b>	<b>1,114</b>	<b>13,652</b>	<b>15,576</b>	<b>1,086</b>	<b>16,662</b>	<b>13,871</b>	<b>989</b>	<b>14,860</b>
14. Schools and other educational buildings.....	7,411	247	7,658	9,827	264	10,091	8,682	232	8,914
15. Churches and other religious buildings.....	1,807	215	2,022	2,057	208	2,265	1,481	115	1,596
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	2,997	600	3,597	3,426	572	3,998	3,384	604	3,988
17. Other institutional buildings.....	323	52	375	266	42	308	324	38	362
<b>Other building construction</b> .....	<b>3,891</b>	<b>2,008</b>	<b>5,899</b>	<b>4,069</b>	<b>2,020</b>	<b>6,089</b>	<b>4,771</b>	<b>2,146</b>	<b>6,917</b>
18. Farm buildings (excluding dwellings).....	2,127	1,232	3,359	2,136	1,280	3,416	2,088	1,269	3,357
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	1,058	117	1,175	960	137	1,097	1,273	139	1,412
20. Aeroplane hangars.....	53	72	125	46	72	118	42	72	114
21. Passenger terminals, bus, boat or air.....	—	7	7	2	3	5	—	2	2
22. Armouries, barracks, drill halls, etc.....	170	327	497	149	185	334	133	327	460
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	191	181	372	468	276	744	936	268	1,204
24. Other building construction.....	292	72	364	308	67	375	299	69	368
<b>Total engineering construction</b> .....	<b>53,756</b>	<b>22,616</b>	<b>76,372</b>	<b>44,619</b>	<b>24,103</b>	<b>68,722</b>	<b>44,240</b>	<b>24,473</b>	<b>68,713</b>
<b>Marine construction</b> .....	<b>3,998</b>	<b>802</b>	<b>4,800</b>	<b>5,038</b>	<b>778</b>	<b>5,816</b>	<b>2,059</b>	<b>832</b>	<b>2,891</b>
25. Docks, wharves, piers, breakwaters.....	3,209	347	3,556	4,339	350	4,689	1,443	385	1,828
26. Retaining walls, embankments, riprapping.....	23	2	25	20	—	20	18	8	26
27. Canals and waterways.....	—	2	2	—	—	—	—	5	5
28. Dredging and pile driving.....	654	359	1,013	573	336	909	513	344	857
29. Dyke construction.....	107	40	147	94	40	134	84	40	124
30. Logging booms.....	4	20	24	11	20	31	—	18	18
31. Other marine construction.....	1	32	33	1	32	33	1	32	33



TABLE 21. New Brunswick - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>20,223</b>	<b>10,733</b>	<b>30,956</b>	<b>15,843</b>	<b>12,253</b>	<b>28,096</b>	<b>18,111</b>	<b>11,728</b>	<b>29,839</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	11,503	2,793	14,296	8,803	2,973	11,776	10,245	2,895	13,140
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,152	7,256	13,408	4,593	8,380	12,973	5,497	7,920	13,417
34. Dirt, clay or other streets, roads, parking lots, etc. ....	964	584	1,548	1,000	803	1,803	1,053	813	1,866
35. Grading, scraping, oiling, filling .....	—	18	18	—	19	19	1	19	20
36. Sidewalks, paths .....	238	39	277	253	35	288	245	38	283
37. Aerodromes, landing fields, runways, tarmac .....	1,366	43	1,409	1,194	43	1,237	1,070	43	1,113
<b>Waterworks and sewage systems .....</b>	<b>2,951</b>	<b>1,060</b>	<b>4,011</b>	<b>3,002</b>	<b>1,050</b>	<b>4,052</b>	<b>2,828</b>	<b>1,114</b>	<b>3,942</b>
38. Tile drains, drainage ditches, storm sewers .....	—	11	11	43	4	47	27	4	31
39. Water mains, hydrants and services .....	1,277	810	2,087	1,155	840	1,995	1,119	897	2,016
40. Sewage systems and connections .....	1,552	210	1,762	1,626	193	1,819	1,578	200	1,778
41. Pumping stations, water .....	88	29	117	105	12	117	104	11	115
42. Water storage tanks .....	34	—	34	73	1	74	—	2	2
<b>Dams and irrigation .....</b>	<b>462</b>	<b>96</b>	<b>558</b>	<b>272</b>	<b>81</b>	<b>353</b>	<b>450</b>	<b>82</b>	<b>532</b>
43. Dams and reservoirs .....	362	26	388	168	8	176	347	10	357
44. Irrigation and land reclamation projects .....	100	70	170	104	73	177	103	72	175
<b>Electric power construction .....</b>	<b>10,927</b>	<b>1,117</b>	<b>12,044</b>	<b>7,774</b>	<b>1,051</b>	<b>8,825</b>	<b>6,987</b>	<b>1,100</b>	<b>8,087</b>
45. Electric power generating plants, including water conveying and controlling structures .....	4,045	319	4,364	2,794	140	2,934	2,195	189	2,384
46. Electric transformer stations .....	1,031	15	1,046	579	54	633	361	56	417
47. Power transmission and distribution lines, trolley wires .....	5,504	706	6,210	4,180	790	4,970	4,205	788	4,993
48. Street lighting .....	347	77	424	221	67	288	226	67	293
<b>Railway, telephone and telegraph .....</b>	<b>6,820</b>	<b>5,923</b>	<b>12,743</b>	<b>7,010</b>	<b>6,063</b>	<b>13,073</b>	<b>7,708</b>	<b>6,792</b>	<b>14,500</b>
49. Railway tracks and roadbed .....	4,352	4,885	9,237	3,880	4,738	8,618	3,863	5,393	9,256
50. Signals and interlockers .....	259	347	606	270	336	606	258	378	636
51. Telegraph and telephone lines, underground and marine cables .....	2,209	691	2,900	2,860	989	3,849	3,587	1,021	4,608
<b>Gas and oil facilities .....</b>	<b>2,146</b>	<b>516</b>	<b>2,662</b>	<b>508</b>	<b>422</b>	<b>930</b>	<b>612</b>	<b>412</b>	<b>1,024</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	1,923	43	1,966	334	20	354	356	10	366
56. Gas storage tanks .....	32	—	32	—	—	—	—	—	—
57. Oil pipe lines .....	56	—	56	46	—	46	127	—	127
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — processing units .....	135	473	608	128	402	530	129	402	531
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>6,229</b>	<b>2,369</b>	<b>8,598</b>	<b>5,172</b>	<b>2,405</b>	<b>7,577</b>	<b>5,485</b>	<b>2,413</b>	<b>7,898</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,024	1,645	6,669	4,052	1,718	5,770	4,298	1,717	6,015
64. Tunnels and subways .....	1	26	27	4	26	30	1	26	27
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	38	158	196	36	161	197	42	160	202
67. Swimming pools, tennis courts, outdoor recreation facilities ....	268	—	268	235	1	236	210	1	211
68. Mine shafts and other below surface workings .....	330	91	421	427	30	457	489	30	519
69. Fences, snowsheds, signs, guard rails .....	379	203	582	299	191	490	337	200	537
70. Other engineering construction .....	189	246	435	119	278	397	108	279	387



TABLE 22. Quebec

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,385,819</b>	<b>346,920</b>	<b>1,732,739</b>	<b>1,504,257</b>	<b>369,247</b>	<b>1,873,504</b>	<b>1,563,751</b>	<b>380,224</b>	<b>1,943,975</b>
<b>Total building construction .....</b>	<b>895,882</b>	<b>226,569</b>	<b>1,122,451</b>	<b>990,009</b>	<b>248,067</b>	<b>1,238,076</b>	<b>965,867</b>	<b>256,115</b>	<b>1,221,982</b>
<b>Residential .....</b>	<b>385,000</b>	<b>126,800</b>	<b>511,800</b>	<b>451,800</b>	<b>146,200</b>	<b>598,000</b>	<b>447,800</b>	<b>155,100</b>	<b>602,900</b>
<b>Industrial .....</b>	<b>72,453</b>	<b>32,135</b>	<b>104,588</b>	<b>90,836</b>	<b>34,996</b>	<b>125,832</b>	<b>88,875</b>	<b>33,353</b>	<b>122,228</b>
2. Factories, plants, workshops, food canneries ....	63,284	25,394	88,658	78,334	26,738	105,072	70,683	26,797	97,480
3. Mine and mine mill buildings .....	6,180	2,806	8,986	9,924	4,678	14,602	15,645	2,639	18,284
4. Railway stations, offices, roadway buildings.....	1,906	2,142	4,048	1,578	1,821	3,399	1,576	2,057	3,633
5. Railway shops, engine houses, water and fuel stations .....	1,103	1,793	2,896	1,000	1,759	2,759	971	1,860	2,831
<b>Commercial .....</b>	<b>223,085</b>	<b>28,713</b>	<b>251,798</b>	<b>218,278</b>	<b>26,960</b>	<b>245,238</b>	<b>163,994</b>	<b>24,659</b>	<b>188,653</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14,260	2,859	17,119	9,976	2,784	12,760	10,288	2,454	12,742
7. Grain elevators .....	5,048	1,017	6,065	11,871	998	12,869	4,118	1,546	5,664
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,263	3,147	9,410	6,212	2,736	8,948	10,434	2,614	13,048
9. Office buildings .....	145,463	10,482	155,945	129,616	10,935	140,551	82,761	9,259	92,020
10. Stores, retail and wholesale .....	32,295	8,354	40,649	37,113	6,855	43,968	32,651	6,278	38,929
11. Garages and service stations .....	8,206	1,770	9,976	5,617	1,630	7,247	5,951	1,493	7,444
12. Theatres, arenas, amusement and recreational buildings .....	11,363	825	12,188	17,579	778	18,357	17,517	767	18,284
13. Laundries and dry cleaning establishments .....	187	259	446	294	244	538	274	248	522
<b>Institutional .....</b>	<b>156,088</b>	<b>20,982</b>	<b>177,070</b>	<b>165,255</b>	<b>20,326</b>	<b>185,581</b>	<b>206,272</b>	<b>23,371</b>	<b>229,643</b>
14. Schools and other educational buildings .....	93,605	8,282	101,887	97,539	9,383	106,922	135,090	9,940	145,030
15. Churches and other religious buildings .....	17,976	3,400	21,376	17,182	2,765	19,947	14,646	2,446	17,092
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	36,871	6,166	43,037	39,111	5,204	44,315	36,971	7,935	44,906
17. Other institutional buildings .....	7,636	3,134	10,770	11,423	2,974	14,397	19,565	3,050	22,615
<b>Other building construction .....</b>	<b>59,256</b>	<b>17,939</b>	<b>77,195</b>	<b>63,840</b>	<b>19,585</b>	<b>83,425</b>	<b>58,926</b>	<b>19,632</b>	<b>78,558</b>
18. Farm buildings (excluding dwellings) .....	36,352	11,374	47,726	37,981	12,023	50,004	37,723	11,894	49,617
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	12,899	1,850	14,749	11,411	1,846	13,257	12,260	1,886	14,146
20. Aeroplane hangars .....	721	436	1,157	474	391	865	105	417	522
21. Passenger terminals, bus, boat or air .....	1,535	187	1,722	1,433	1,127	2,560	1,743	1,185	2,928
22. Armouries, barracks, drill halls, etc. ....	1,554	2,073	3,627	1,493	2,032	3,525	1,346	2,173	3,519
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,113	1,186	4,299	8,140	1,363	9,503	3,187	1,284	4,451
24. Other building construction .....	3,082	833	3,915	2,908	803	3,711	2,562	813	3,375
<b>Total engineering construction .....</b>	<b>489,937</b>	<b>120,351</b>	<b>610,288</b>	<b>514,248</b>	<b>121,180</b>	<b>635,428</b>	<b>597,884</b>	<b>124,109</b>	<b>721,993</b>
<b>Marine construction .....</b>	<b>44,181</b>	<b>4,229</b>	<b>48,410</b>	<b>23,328</b>	<b>4,222</b>	<b>27,550</b>	<b>22,998</b>	<b>3,770</b>	<b>26,768</b>
25. Docks, wharves, piers, breakwaters .....	23,207	2,308	25,515	7,100	2,220	9,320	8,666	2,062	10,728
26. Retaining walls, embankments, riprapping .....	718	341	1,059	806	382	1,188	773	319	1,092
27. Canals and waterways .....	6,998	352	7,350	1,208	312	1,520	490	343	833
28. Dredging and pile driving .....	12,896	840	13,736	13,795	988	14,783	12,595	775	13,370
29. Dyke construction .....	2	-	2	-	12	12	2	-	2
30. Logging booms .....	64	235	299	21	212	233	22	202	224
31. Other marine construction .....	296	153	449	398	96	494	450	69	519

TABLE 22. Quebec — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>113,065</b>	<b>44,975</b>	<b>158,040</b>	<b>143,197</b>	<b>41,248</b>	<b>184,445</b>	<b>188,769</b>	<b>40,244</b>	<b>229,013</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	77,978	15,568	93,546	104,999	13,854	118,853	146,227	13,775	160,002
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	16,965	17,312	34,277	17,427	15,531	32,958	20,214	15,510	35,724
34. Dirt, clay or other streets, roads, parking lots, etc. ....	8,559	2,868	11,427	11,370	3,412	14,782	13,079	2,686	15,765
35. Grading, scraping, oiling, filling .....	3,494	5,930	9,424	3,097	5,255	8,352	3,127	5,150	8,277
36. Sidewalks, paths .....	2,911	3,051	5,962	3,348	2,971	6,319	3,687	2,884	6,571
37. Aerodromes, landing fields, runways, tarmac .....	3,158	246	3,404	2,956	225	3,181	2,435	239	2,674
<b>Waterworks and sewage systems</b> .....	<b>41,808</b>	<b>10,008</b>	<b>51,816</b>	<b>40,470</b>	<b>13,553</b>	<b>54,023</b>	<b>39,837</b>	<b>13,775</b>	<b>53,612</b>
38. Tile drains, drainage ditches, storm sewers .....	1,261	762	2,023	1,604	727	2,331	1,667	663	2,330
39. Water mains, hydrants and services .....	17,909	4,959	22,868	17,693	5,355	23,048	13,526	6,259	19,785
40. Sewage systems and connections .....	16,582	2,474	19,056	16,822	2,484	19,306	18,642	2,593	21,235
41. Pumping stations, water .....	5,545	1,795	7,340	3,974	1,545	5,519	5,247	493	5,740
42. Water storage tanks .....	511	18	529	377	3,442	3,819	755	3,767	4,522
<b>Dams and irrigation</b> .....	<b>34,459</b>	<b>1,048</b>	<b>35,507</b>	<b>58,027</b>	<b>1,081</b>	<b>59,108</b>	<b>67,692</b>	<b>1,110</b>	<b>68,802</b>
43. Dams and reservoirs .....	29,031	422	29,453	50,852	418	51,270	59,471	451	59,922
44. Irrigation and land reclamation projects .....	5,428	626	6,054	7,175	663	7,838	8,221	659	8,880
<b>Electric power construction</b> .....	<b>127,705</b>	<b>10,395</b>	<b>138,100</b>	<b>122,488</b>	<b>12,532</b>	<b>135,020</b>	<b>133,757</b>	<b>13,361</b>	<b>147,118</b>
45. Electric power generating plants, including water conveying and controlling structures .....	77,813	4,169	81,982	67,098	2,721	69,819	72,219	2,836	75,055
46. Electric transformer stations .....	14,391	2,463	16,854	16,689	3,951	20,640	19,321	4,323	23,644
47. Power transmission and distribution lines, trolley wires .....	32,693	3,315	36,008	37,920	5,281	43,201	41,492	5,809	47,301
48. Street lighting .....	2,808	448	3,256	781	579	1,360	725	393	1,118
<b>Railway, telephone and telegraph</b> .....	<b>59,716</b>	<b>28,996</b>	<b>88,712</b>	<b>53,978</b>	<b>29,360</b>	<b>83,338</b>	<b>46,262</b>	<b>32,214</b>	<b>78,476</b>
49. Railway tracks and roadbed .....	28,850	17,019	45,869	13,733	18,685	32,418	13,296	20,937	34,233
50. Signals and interlockers .....	1,440	1,581	3,021	844	1,589	2,433	957	1,730	2,687
51. Telegraph and telephone lines, underground and marine cables ..	29,426	10,396	39,822	39,401	9,086	48,487	32,009	9,547	41,556
<b>Gas and oil facilities</b> .....	<b>12,991</b>	<b>9,053</b>	<b>22,044</b>	<b>16,045</b>	<b>8,804</b>	<b>24,849</b>	<b>12,662</b>	<b>8,956</b>	<b>21,618</b>
52. Gas mains and services .....	4,995	912	5,907	3,542	885	4,427	4,270	933	5,203
53. Pumping stations, oil .....	44	47	91	99	28	127	—	29	29
54. Pumping stations, gas .....	143	—	143	91	—	91	85	—	85
55. Oil storage tanks .....	3,025	577	3,602	3,820	787	4,607	3,473	845	4,318
56. Gas storage tanks .....	235	11	246	70	28	98	103	69	172
57. Oil pipe lines .....	103	299	402	574	351	925	178	97	275
58. Gas pipe lines .....	29	11	40	151	16	167	—	14	14
59. Oil wells .....	27	—	27	—	—	—	—	—	—
60. Gas wells .....	27	—	27	—	—	—	—	—	—
61. Oil refinery — processing units .....	3,936	5,603	9,539	7,698	6,709	14,407	4,553	6,969	11,522
62. Natural gas cleaning plants .....	427	1,593	2,020	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>56,012</b>	<b>11,647</b>	<b>67,659</b>	<b>56,715</b>	<b>10,380</b>	<b>67,095</b>	<b>85,907</b>	<b>10,679</b>	<b>96,586</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	28,925	4,428	33,353	30,841	3,804	34,645	39,175	4,040	43,215
64. Tunnels and subways .....	1,486	63	1,549	1,775	65	1,840	21,156	58	21,214
65. Incinerators .....	156	26	182	156	29	185	175	29	204
66. Park systems, landscaping, sodding, etc. ....	3,219	966	4,185	3,789	976	4,765	3,606	1,000	4,606
67. Swimming pools, tennis courts, outdoor recreation facilities ..	3,183	750	3,933	3,517	742	4,259	3,664	761	4,425
68. Mine shafts and other below surface workings .....	6,096	667	6,763	3,338	303	3,641	4,672	303	4,975
69. Fences, snowsheds, signs, guard rails .....	3,530	2,002	5,532	3,748	1,822	5,570	3,847	1,869	5,716
70. Other engineering construction .....	9,417	2,745	12,162	9,551	2,639	12,190	9,612	2,619	12,231



TABLE 23. Ontario

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,794,223</b>	<b>500,558</b>	<b>2,294,781</b>	<b>1,980,522</b>	<b>512,092</b>	<b>2,492,614</b>	<b>1,987,268</b>	<b>536,715</b>	<b>2,523,983</b>
<b>Total building construction .....</b>	<b>1,172,282</b>	<b>324,040</b>	<b>1,496,322</b>	<b>1,314,237</b>	<b>325,901</b>	<b>1,640,138</b>	<b>1,294,540</b>	<b>339,564</b>	<b>1,634,104</b>
<b>Residential .....</b>	<b>543,300</b>	<b>179,600</b>	<b>722,900</b>	<b>562,300</b>	<b>181,600</b>	<b>743,900</b>	<b>556,100</b>	<b>192,600</b>	<b>748,700</b>
<b>Industrial .....</b>	<b>114,488</b>	<b>54,448</b>	<b>168,936</b>	<b>151,550</b>	<b>53,867</b>	<b>205,217</b>	<b>148,766</b>	<b>55,009</b>	<b>203,775</b>
2. Factories, plants, workshops, food canneries ....	104,992	45,681	150,673	139,077	43,705	182,782	124,215	44,454	168,669
3. Mine and mine mill buildings .....	5,001	3,318	8,319	6,650	4,134	10,784	18,778	3,871	22,649
4. Railway stations, offices, roadway buildings .....	3,356	3,814	7,170	4,243	3,946	8,189	4,109	4,523	8,632
5. Railway shops, engine houses, water and fuel stations .....	1,139	1,635	2,774	1,580	1,882	3,462	1,664	2,161	3,825
<b>Commercial .....</b>	<b>225,643</b>	<b>40,874</b>	<b>266,517</b>	<b>227,892</b>	<b>39,586</b>	<b>267,478</b>	<b>206,858</b>	<b>40,035</b>	<b>246,893</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,865	4,033	20,898	19,233	3,512	22,745	17,792	3,241	21,033
7. Grain elevators .....	5,939	1,006	6,945	3,897	515	4,412	2,811	380	3,191
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7,452	3,950	11,402	11,388	2,575	13,963	9,947	3,090	13,037
9. Office buildings .....	99,506	15,660	115,166	91,017	17,125	108,142	87,392	17,780	105,172
10. Stores, retail and wholesale .....	62,726	10,316	73,042	72,364	9,811	82,175	61,952	9,102	71,054
11. Garages and service stations .....	14,306	4,354	18,660	13,858	4,536	18,394	11,422	4,973	16,395
12. Theatres, arenas, amusement and recreational buildings .....	17,917	1,261	19,178	15,957	1,197	17,154	15,530	1,201	16,731
13. Laundries and dry cleaning establishments .....	932	294	1,226	178	315	493	102	268	370
<b>Institutional .....</b>	<b>199,891</b>	<b>18,088</b>	<b>217,979</b>	<b>283,106</b>	<b>18,769</b>	<b>301,875</b>	<b>295,454</b>	<b>19,330</b>	<b>314,784</b>
14. Schools and other educational buildings .....	104,279	7,117	111,396	193,518	7,254	200,772	198,537	7,552	206,089
15. Churches and other religious buildings .....	17,327	3,203	20,530	15,540	1,946	17,486	13,160	2,133	15,293
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	68,501	6,404	74,905	69,457	7,501	76,958	75,351	7,439	82,790
17. Other institutional buildings .....	9,784	1,364	11,148	4,591	2,068	6,659	8,406	2,206	10,612
<b>Other building construction .....</b>	<b>88,960</b>	<b>31,030</b>	<b>119,990</b>	<b>89,389</b>	<b>32,279</b>	<b>121,668</b>	<b>87,362</b>	<b>32,590</b>	<b>119,952</b>
18. Farm buildings (excluding dwellings) .....	40,225	22,073	62,298	42,140	23,114	65,254	41,936	22,939	64,875
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	24,476	325	24,801	23,742	336	24,078	23,938	342	24,280
20. Aeroplane hangars .....	697	1,476	2,173	1,364	1,496	2,860	657	1,592	2,249
21. Passenger terminals, bus, boat or air .....	10,774	55	10,829	9,799	132	9,931	8,230	81	8,311
22. Armouries, barracks, drill halls, etc. ....	2,214	5,032	7,246	2,036	4,945	6,981	1,702	5,344	7,046
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,565	683	2,248	1,250	565	1,815	661	543	1,204
24. Other building construction .....	9,009	1,386	10,395	9,058	1,691	10,749	10,238	1,749	11,987
<b>Total engineering construction .....</b>	<b>621,941</b>	<b>176,518</b>	<b>798,459</b>	<b>666,285</b>	<b>186,191</b>	<b>852,476</b>	<b>692,728</b>	<b>197,151</b>	<b>889,879</b>
<b>Marine construction .....</b>	<b>19,558</b>	<b>3,617</b>	<b>23,175</b>	<b>15,830</b>	<b>3,291</b>	<b>19,121</b>	<b>13,871</b>	<b>2,940</b>	<b>16,811</b>
25. Docks, wharves, piers, breakwaters .....	13,781	1,245	15,026	13,597	1,123	14,720	10,632	1,189	11,821
26. Retaining walls, embankments, riprapping .....	136	68	204	170	79	249	631	73	704
27. Canals and waterways .....	1,243	1,079	2,322	1,401	856	2,257	2,257	555	2,812
28. Dredging and pile driving .....	2,809	769	3,578	607	556	1,163	335	412	747
29. Dyke construction .....	1	—	1	6	—	6	—	—	6
30. Logging booms .....	78	134	212	30	127	157	—	137	137
31. Other marine construction .....	1,510	322	1,832	19	550	569	16	574	590



TABLE 23. Ontario — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>161,751</b>	<b>48,668</b>	<b>210,419</b>	<b>157,233</b>	<b>56,110</b>	<b>213,343</b>	<b>174,647</b>	<b>57,609</b>	<b>232,256</b>
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	130,149	35,703	165,852	128,617	38,757	167,374	144,847	39,670	184,517
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	14,587	2,861	17,448	13,996	4,104	18,100	15,888	4,138	20,026
3. Dirt, clay or other streets, roads, parking lots, etc. ....	2,522	1,849	4,371	1,254	1,384	2,638	1,244	1,419	2,663
4. Grading, scraping, oiling, filling .....	856	5,379	6,235	350	8,970	9,320	139	9,385	9,524
5. Sidewalks, paths .....	4,929	1,983	6,912	5,008	2,010	7,018	5,837	2,045	7,882
6. Aerodromes, landing fields, runways, tarmac .....	8,708	893	9,601	8,008	885	8,893	6,692	952	7,644
<b>Waterworks and sewage systems</b> .....	<b>76,528</b>	<b>12,961</b>	<b>89,489</b>	<b>81,333</b>	<b>13,058</b>	<b>94,391</b>	<b>94,180</b>	<b>13,825</b>	<b>107,985</b>
1. Tile drains, drainage ditches, storm sewers .....	1,240	1,221	2,461	827	1,881	2,708	769	1,966	2,735
2. Water mains, hydrants and services .....	15,319	4,883	20,202	14,774	4,060	18,834	14,888	4,566	19,454
3. Sewage systems and connections .....	55,776	5,814	61,590	57,901	5,882	63,783	65,551	5,918	71,469
4. Pumping stations, water .....	3,688	951	4,639	7,674	1,141	8,815	12,583	1,260	13,843
5. Water storage tanks .....	505	92	597	157	94	251	369	115	484
<b>Dams and irrigation</b> .....	<b>3,219</b>	<b>1,426</b>	<b>4,645</b>	<b>3,895</b>	<b>1,740</b>	<b>5,635</b>	<b>6,967</b>	<b>1,609</b>	<b>8,576</b>
1. Dams and reservoirs .....	999	203	1,202	1,570	460	2,030	4,662	340	5,002
2. Irrigation and land reclamation projects .....	2,220	1,223	3,443	2,325	1,280	3,605	2,305	1,269	3,574
<b>Electric power construction</b> .....	<b>84,280</b>	<b>27,797</b>	<b>112,087</b>	<b>117,220</b>	<b>30,103</b>	<b>147,323</b>	<b>112,683</b>	<b>31,944</b>	<b>144,627</b>
1. Electric power generating plants, including water conveying and controlling structures .....	36,687	4,996	41,683	51,886	5,181	57,067	40,721	5,698	46,419
2. Electric transformer stations .....	5,282	2,330	7,612	11,931	2,053	13,984	12,794	2,133	14,927
3. Power transmission and distribution lines, trolley wires .....	37,295	17,345	54,640	49,508	19,748	69,256	54,915	20,864	75,779
4. Street lighting .....	5,026	3,126	8,152	3,895	3,121	7,016	4,253	3,249	7,502
<b>Railway, telephone and telegraph</b> .....	<b>80,362</b>	<b>51,046</b>	<b>131,408</b>	<b>80,862</b>	<b>49,125</b>	<b>129,987</b>	<b>85,314</b>	<b>54,803</b>	<b>140,117</b>
1. Railway tracks and roadbed .....	36,478	34,570	71,048	33,694	32,760	66,454	34,373	37,613	71,986
2. Signals and interlockers .....	1,926	2,851	4,777	2,319	2,425	4,744	2,398	2,734	5,132
3. Telegraph and telephone lines, underground and marine cables .....	41,958	13,625	55,583	44,849	13,940	58,789	48,543	14,456	62,999
<b>Gas and oil facilities</b> .....	<b>55,593</b>	<b>15,189</b>	<b>70,782</b>	<b>85,251</b>	<b>14,721</b>	<b>99,972</b>	<b>68,006</b>	<b>15,476</b>	<b>83,482</b>
1. Gas mains and services .....	30,532	3,011	33,543	31,829	2,587	34,416	32,320	2,544	34,864
2. Pumping stations, oil .....	108	145	253	895	130	1,025	238	125	363
3. Pumping stations, gas .....	953	—	953	13,798	370	14,168	10,741	379	11,120
4. Oil storage tanks .....	3,716	926	4,642	6,173	1,004	7,177	2,644	793	3,437
5. Gas storage tanks .....	238	4	242	157	—	157	71	—	71
6. Oil pipe lines .....	2,414	480	2,894	2,222	712	2,934	508	793	1,301
7. Gas pipe lines .....	2,549	389	2,938	1,100	520	1,620	927	459	1,386
8. Oil wells .....	525	56	581	1,221	84	1,305	1,253	79	1,332
9. Gas wells .....	307	177	484	336	33	369	300	37	337
10. Oil refinery — processing units .....	14,240	10,001	24,241	27,520	9,281	36,801	19,004	10,267	29,271
11. Natural gas cleaning plants .....	11	—	11	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>140,640</b>	<b>15,814</b>	<b>156,454</b>	<b>124,661</b>	<b>18,043</b>	<b>142,704</b>	<b>137,080</b>	<b>18,945</b>	<b>156,025</b>
1. Bridges, trestles, culverts, overpasses, viaducts .....	99,658	6,547	106,205	85,390	6,812	92,202	92,525	7,266	99,791
2. Tunnels and subways .....	16,877	70	16,947	19,150	56	19,206	23,123	56	23,179
3. Incinerators .....	72	5	77	83	5	88	203	5	208
4. Park systems, landscaping, sodding, etc. ....	849	1,775	2,624	759	2,460	3,219	934	2,559	3,493
5. Swimming pools, tennis courts, outdoor recreation facilities ....	718	484	1,202	200	534	734	175	547	722
6. Mine shafts and other below surface workings .....	10,731	870	11,601	8,093	798	8,891	7,810	853	8,663
7. Fences, snowsheds, signs, guard rails .....	3,780	3,741	7,521	3,516	4,532	8,048	3,686	4,746	8,432
8. Other engineering construction .....	7,955	2,322	10,277	7,470	2,846	10,316	8,624	2,913	11,537

TABLE 24. Manitoba

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>283,409</b>	<b>86,253</b>	<b>369,662</b>	<b>288,644</b>	<b>82,014</b>	<b>370,658</b>	<b>335,946</b>	<b>84,079</b>	<b>420,025</b>
<b>Total building construction .....</b>	<b>170,912</b>	<b>49,441</b>	<b>220,353</b>	<b>146,173</b>	<b>46,703</b>	<b>192,876</b>	<b>154,689</b>	<b>47,062</b>	<b>201,751</b>
<b>Residential .....</b>	<b>67,100</b>	<b>22,300</b>	<b>89,400</b>	<b>59,200</b>	<b>19,000</b>	<b>78,200</b>	<b>58,100</b>	<b>20,100</b>	<b>78,200</b>
<b>Industrial .....</b>	<b>10,643</b>	<b>5,226</b>	<b>15,869</b>	<b>10,443</b>	<b>6,001</b>	<b>16,444</b>	<b>16,746</b>	<b>6,311</b>	<b>23,057</b>
2. Factories, plants, workshops, food canneries .....	6,863	2,389	9,252	7,561	3,670	11,231	14,015	3,423	17,438
3. Mine and mine mill buildings .....	1,833	280	2,113	1,218	324	1,542	814	350	1,164
4. Railway stations, offices, roadway buildings .....	1,034	1,449	2,483	1,212	1,290	2,502	1,391	1,441	2,832
5. Railway shops, engine houses, water and fuel stations .....	913	1,108	2,021	452	717	1,169	526	1,097	1,623
<b>Commercial .....</b>	<b>26,245</b>	<b>6,316</b>	<b>32,561</b>	<b>23,292</b>	<b>6,052</b>	<b>29,344</b>	<b>24,547</b>	<b>5,968</b>	<b>30,515</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,235	743	3,978	2,520	802	3,322	2,829	747	3,576
7. Grain elevators .....	1,328	695	2,023	1,127	576	1,703	488	515	1,003
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,311	656	3,967	2,146	456	2,602	2,413	570	2,983
9. Office buildings .....	7,889	1,440	9,329	7,554	1,568	9,122	9,013	1,636	10,649
10. Stores, retail and wholesale .....	5,567	1,739	7,306	5,491	1,628	7,119	4,574	1,505	6,079
11. Garages and service stations .....	1,980	452	2,432	1,070	456	1,526	964	419	1,383
12. Theatres, arenas, amusement and recreational buildings .....	2,892	511	3,403	3,266	519	3,785	4,266	517	4,783
13. Laundries and dry cleaning establishments .....	43	80	123	118	47	165	—	59	59
<b>Institutional .....</b>	<b>40,362</b>	<b>8,230</b>	<b>48,592</b>	<b>26,486</b>	<b>8,223</b>	<b>34,709</b>	<b>28,807</b>	<b>7,222</b>	<b>36,029</b>
14. Schools and other educational buildings .....	29,685	7,131	36,816	22,094	7,115	29,209	19,055	6,133	25,188
15. Churches and other religious buildings .....	3,894	121	4,015	888	186	1,074	2,579	95	2,674
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,369	842	7,211	3,031	731	3,762	6,206	810	7,016
17. Other institutional buildings .....	414	136	550	473	191	664	967	184	1,151
<b>Other building construction .....</b>	<b>26,562</b>	<b>7,369</b>	<b>33,931</b>	<b>26,752</b>	<b>7,427</b>	<b>34,179</b>	<b>26,489</b>	<b>7,461</b>	<b>33,950</b>
18. Farm buildings (excluding dwellings) .....	12,923	4,318	17,241	13,621	4,559	18,180	13,208	4,423	17,631
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5,175	221	5,396	4,925	242	5,167	5,767	233	6,000
20. Aeroplane hangars .....	201	305	506	117	304	421	92	318	410
21. Passenger terminals, bus, boat or air .....	6,010	51	6,061	5,647	12	5,659	4,667	15	4,682
22. Armouries, barracks, drill halls, etc. ....	845	1,986	2,831	794	1,886	2,680	656	2,069	2,725
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	139	191	330	158	106	264	184	79	263
24. Other building construction .....	1,269	297	1,566	1,490	318	1,808	1,915	324	2,239
<b>Total engineering construction .....</b>	<b>112,497</b>	<b>36,812</b>	<b>149,309</b>	<b>142,471</b>	<b>35,311</b>	<b>177,782</b>	<b>181,257</b>	<b>37,017</b>	<b>218,274</b>
<b>Marine construction .....</b>	<b>2,188</b>	<b>334</b>	<b>2,542</b>	<b>1,370</b>	<b>334</b>	<b>1,704</b>	<b>750</b>	<b>350</b>	<b>1,100</b>
25. Docks, wharves, piers, breakwaters .....	1,820	130	1,950	816	101	917	719	110	829
26. Retaining walls, embankments, riprapping .....	9	1	10	11	1	12	15	1	16
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	359	221	580	543	230	773	16	237	253
29. Dyke construction .....	—	1	1	—	1	1	—	1	1
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	1	1	—	1	1	—	1	1



TABLE 24. Manitoba — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>31,927</b>	<b>7,268</b>	<b>39,195</b>	<b>38,303</b>	<b>8,168</b>	<b>46,471</b>	<b>48,917</b>	<b>7,979</b>	<b>56,896</b>
32. Hard surfacdd or paved streets, highways, parking lots, etc. ...	16,836	5,147	21,983	20,278	6,111	26,389	26,232	5,975	32,207
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,479	917	5,396	5,490	898	6,388	7,314	903	8,217
34. Dirt, clay or other streets, roads, parking lots, etc. ....	184	111	295	193	100	293	165	103	268
35. Grading, scraping, oiling, filling .....	7,752	862	8,614	9,705	795	10,500	12,855	733	13,588
36. Sidewalks, paths .....	379	177	556	439	210	649	567	207	774
37. Aerodromes, landing fields, runways, tarmac .....	2,297	54	2,351	2,198	54	2,252	1,784	58	1,842
<b>Waterworks and sewage systems</b> .....	<b>10,082</b>	<b>1,585</b>	<b>11,667</b>	<b>9,345</b>	<b>1,861</b>	<b>11,206</b>	<b>16,539</b>	<b>1,869</b>	<b>18,408</b>
38. Tile drains, drainage ditches, storm sewers .....	672	129	801	567	95	662	651	92	743
39. Water mains, hydrants and services .....	5,591	1,043	6,634	3,961	1,299	5,260	6,373	1,322	7,695
40. Sewage systems and connections .....	3,418	357	3,775	3,792	418	4,210	4,493	408	4,901
41. Pumping stations, water .....	210	56	266	541	48	589	1,544	43	1,587
42. Water storage tanks .....	191	—	191	484	1	485	3,478	4	3,482
<b>Dams and irrigation</b> .....	<b>1,436</b>	<b>575</b>	<b>2,011</b>	<b>1,408</b>	<b>605</b>	<b>2,013</b>	<b>1,292</b>	<b>604</b>	<b>1,896</b>
43. Dams and reservoirs .....	365	334	699	317	351	668	284	357	641
44. Irrigation and land reclamation projects .....	1,071	241	1,312	1,091	254	1,345	1,008	247	1,255
<b>Electric power construction</b> .....	<b>29,572</b>	<b>1,761</b>	<b>31,333</b>	<b>47,417</b>	<b>2,092</b>	<b>49,509</b>	<b>57,111</b>	<b>2,151</b>	<b>59,262</b>
45. Electric power generating plants, including water conveying and controlling structures .....	19,866	410	20,276	24,777	951	25,728	29,901	1,013	30,914
46. Electric transformer stations .....	781	822	1,603	1,923	433	2,356	2,228	437	2,665
47. Power transmission and distribution lines, trolley wires .....	7,820	418	8,238	19,200	679	19,879	23,314	671	23,985
48. Street lighting .....	1,105	111	1,216	1,517	29	1,546	1,668	30	1,698
<b>Railway, telephone and telegraph</b> .....	<b>18,779</b>	<b>16,750</b>	<b>35,529</b>	<b>18,186</b>	<b>16,194</b>	<b>34,380</b>	<b>16,899</b>	<b>17,631</b>	<b>34,530</b>
49. Railway tracks and roadbed .....	11,223	12,813	24,036	9,338	11,245	20,583	10,837	12,508	23,345
50. Signals and interlockers .....	571	627	1,198	711	803	1,514	854	886	1,740
51. Telegraph and telephone lines, underground and marine cables	6,985	3,310	10,295	8,137	4,146	12,283	5,208	4,237	9,445
<b>Gas and oil facilities</b> .....	<b>7,575</b>	<b>1,629</b>	<b>9,204</b>	<b>14,952</b>	<b>1,864</b>	<b>16,816</b>	<b>25,338</b>	<b>1,986</b>	<b>27,324</b>
52. Gas mains and services .....	4,077	400	4,477	5,509	—	5,509	5,972	—	5,972
53. Pumping stations, oil .....	50	245	295	497	234	731	54	238	292
54. Pumping stations, gas .....	2,518	—	2,518	4,218	—	4,218	2,713	—	2,713
55. Oil storage tanks .....	260	112	372	765	99	864	364	118	482
56. Gas storage tanks .....	182	—	182	14	—	14	1,134	—	1,134
57. Oil pipe lines .....	13	72	85	60	73	133	5,216	79	5,295
58. Gas pipe lines .....	110	—	110	1,938	—	1,938	6,713	—	6,713
59. Oil wells .....	202	239	441	122	64	186	198	73	271
60. Gas wells .....	—	—	—	313	136	449	875	145	1,020
61. Oil refinery — processing units .....	163	561	724	1,516	1,258	2,774	2,099	1,333	3,432
62. Natural gas cleaning palns .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>10,938</b>	<b>6,890</b>	<b>17,828</b>	<b>11,490</b>	<b>4,193</b>	<b>15,683</b>	<b>14,411</b>	<b>4,447</b>	<b>18,858</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,635	1,849	6,484	5,087	2,011	7,098	6,485	2,124	8,609
64. Tunnels and subways .....	—	—	—	24	—	24	35	—	35
65. Incinerators .....	18	—	18	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	595	221	816	572	221	793	600	226	826
67. Swimming pools, tennis courts, outdoor recreation facilities ....	64	22	86	99	25	124	480	25	505
68. Mine shafts and other below surface workings .....	3,607	765	4,372	3,556	243	3,799	4,448	320	4,768
69. Fences, snowsheds, signs, guard rails .....	1,158	625	1,783	1,097	554	1,651	1,031	570	1,601
70. Other engineering construction .....	861	3,408	4,269	1,055	1,139	2,194	1,332	1,182	2,514



TABLE 25. Saskatchewan

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>301,754</b>	<b>81,267</b>	<b>383,021</b>	<b>321,914</b>	<b>82,267</b>	<b>404,181</b>	<b>312,719</b>	<b>88,138</b>	<b>400,857</b>
<b>Total building construction .....</b>	<b>147,846</b>	<b>43,817</b>	<b>191,663</b>	<b>166,835</b>	<b>45,684</b>	<b>212,519</b>	<b>171,155</b>	<b>47,838</b>	<b>218,993</b>
<b>Residential .....</b>	<b>66,700</b>	<b>21,800</b>	<b>88,500</b>	<b>74,900</b>	<b>24,100</b>	<b>99,000</b>	<b>73,800</b>	<b>25,600</b>	<b>99,400</b>
<b>Industrial .....</b>	<b>6,889</b>	<b>2,414</b>	<b>9,303</b>	<b>7,742</b>	<b>3,123</b>	<b>10,865</b>	<b>5,779</b>	<b>3,000</b>	<b>8,779</b>
2. Factories, plants, workshops, food canneries .....	4,425	865	5,290	3,011	1,202	4,213	4,430	1,128	5,558
3. Mine and mine mill buildings .....	1,171	137	1,308	3,397	370	3,767	48	107	155
4. Railway stations, offices, roadway buildings .....	913	1,063	1,976	963	1,139	2,102	912	1,283	2,195
5. Railway shops, engine houses, water and fuel stations .....	380	349	729	371	412	783	389	482	871
<b>Commercial .....</b>	<b>26,125</b>	<b>6,654</b>	<b>32,779</b>	<b>24,411</b>	<b>5,765</b>	<b>30,176</b>	<b>25,932</b>	<b>6,468</b>	<b>32,400</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,833	431	5,264	2,329	509	2,838	1,609	534	2,143
7. Grain elevators .....	5,764	2,396	8,160	4,504	1,749	6,253	1,971	1,606	3,577
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,026	407	2,433	2,376	423	2,799	2,467	936	3,403
9. Office buildings .....	6,661	1,605	8,266	9,053	1,649	10,702	14,738	1,922	16,660
10. Stores, retail and wholesale .....	3,755	1,218	4,973	3,511	1,020	4,531	3,468	1,018	4,486
11. Garages and service stations .....	1,652	361	2,013	1,313	210	1,523	616	228	844
12. Theatres, arenas, amusement and recreational buildings .....	1,434	222	1,656	1,325	185	1,510	1,063	208	1,271
13. Laundries and dry cleaning establishments .....	—	14	14	—	20	20	—	16	16
<b>Institutional .....</b>	<b>25,118</b>	<b>5,329</b>	<b>30,447</b>	<b>34,388</b>	<b>4,310</b>	<b>38,698</b>	<b>38,662</b>	<b>4,583</b>	<b>43,245</b>
14. Schools and other educational buildings .....	16,225	3,540	19,765	21,301	2,795	24,096	19,429	2,954	22,383
15. Churches and other religious buildings .....	3,238	358	3,596	4,857	142	4,999	3,195	166	3,361
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4,750	1,098	5,848	6,876	1,111	7,987	14,476	1,139	15,615
17. Other institutional buildings .....	905	333	1,238	1,354	262	1,616	1,562	324	1,886
<b>Other building construction .....</b>	<b>23,014</b>	<b>7,620</b>	<b>30,634</b>	<b>25,394</b>	<b>8,386</b>	<b>33,780</b>	<b>26,982</b>	<b>8,187</b>	<b>35,169</b>
18. Farm buildings (excluding dwellings) .....	17,124	6,879	24,003	19,135	7,691	26,826	18,457	7,429	25,886
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,799	100	4,899	5,232	101	5,333	7,319	112	7,431
20. Aeroplane hangars .....	4	66	70	28	58	86	3	60	63
21. Passenger terminals, bus, boat or air .....	31	8	39	29	14	43	25	16	41
22. Armouries, barracks, drill halls, etc. ....	297	285	582	256	249	505	234	260	494
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	116	72	188	126	64	190	409	66	475
24. Other building construction .....	643	210	853	588	209	797	535	244	779
<b>Total engineering construction .....</b>	<b>153,908</b>	<b>37,450</b>	<b>191,358</b>	<b>155,079</b>	<b>36,583</b>	<b>191,662</b>	<b>141,564</b>	<b>40,300</b>	<b>181,864</b>
<b>Marine construction .....</b>	<b>243</b>	<b>53</b>	<b>296</b>	<b>153</b>	<b>46</b>	<b>199</b>	<b>146</b>	<b>55</b>	<b>201</b>
25. Docks, wharves, piers, breakwaters .....	181	49	230	153	43	196	146	52	198
26. Retaining walls, embankments, riprapping .....	—	2	2	—	1	1	—	2	2
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	62	—	62	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	2	2	—	2	2	—	1	1

TABLE 25. Saskatchewan - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>28,830</b>	<b>10,349</b>	<b>39,179</b>	<b>32,013</b>	<b>10,230</b>	<b>42,243</b>	<b>34,139</b>	<b>12,159</b>	<b>46,298</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	21,963	6,448	28,411	24,106	6,418	30,524	25,705	7,543	33,248
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	3,785	3,577	7,362	4,951	3,510	8,461	6,057	4,285	10,342
34. Dirt, clay or other streets, roads, parking lots, etc. ....	224	119	343	267	108	375	198	113	311
35. Grading, scraping, oiling, filling.....	2	32	34	40	28	68	75	29	104
36. Sidewalks, paths.....	2,031	153	2,184	1,738	151	1,889	1,462	172	1,634
37. Aerodromes, landing fields, runways, tarmac .....	825	20	845	911	15	926	642	17	659
<b>Waterworks and sewage systems .....</b>	<b>9,761</b>	<b>1,507</b>	<b>11,268</b>	<b>7,902</b>	<b>1,482</b>	<b>9,384</b>	<b>8,114</b>	<b>1,698</b>	<b>9,812</b>
38. Tile drains, drainage ditches, storm sewers.....	27	25	52	23	24	47	19	31	50
39. Water mains, hydrants and services .....	1,681	621	2,302	1,065	756	1,821	1,593	838	2,431
40. Sewage systems and connections .....	7,859	618	8,477	6,708	561	7,269	5,664	690	6,354
41. Pumping stations, water .....	153	239	392	101	139	240	838	139	977
42. Water storage tanks.....	41	4	45	5	2	7	-	-	-
<b>Dams and irrigation .....</b>	<b>18,069</b>	<b>1,682</b>	<b>19,751</b>	<b>28,210</b>	<b>1,652</b>	<b>29,862</b>	<b>17,509</b>	<b>1,659</b>	<b>19,168</b>
43. Dams and reservoirs .....	17,123	1,138	18,261	27,151	1,083	28,234	16,487	1,098	17,585
44. Irrigation and land reclamation projects .....	946	544	1,490	1,059	569	1,628	1,022	561	1,583
<b>Electric power construction.....</b>	<b>40,939</b>	<b>2,344</b>	<b>43,303</b>	<b>19,308</b>	<b>2,385</b>	<b>21,693</b>	<b>18,370</b>	<b>2,505</b>	<b>20,875</b>
45. Electric power generating plants, including water conveying and controlling structures.....	28,048	546	28,594	7,054	590	7,644	2,963	654	3,617
46. Electric transformer stations.....	1,901	293	2,194	865	161	1,026	1,739	143	1,882
47. Power transmission and distribution lines, trolley wires .....	10,444	1,197	11,641	10,918	1,287	12,205	13,107	1,330	14,437
48. Street lighting.....	566	308	874	471	347	818	561	378	939
<b>Railway, telephone and telegraph .....</b>	<b>14,142</b>	<b>13,624</b>	<b>27,766</b>	<b>12,454</b>	<b>12,509</b>	<b>24,963</b>	<b>12,436</b>	<b>13,836</b>	<b>26,272</b>
49. Railway tracks and roadbed .....	9,720	11,751	21,471	7,989	9,843	17,832	7,561	11,036	18,597
50. Signals and interlockers.....	1,551	512	2,063	565	702	1,267	521	780	1,301
51. Telegraph and telephone lines, underground and marine cables	2,871	1,361	4,232	3,900	1,964	5,864	4,354	2,020	6,374
<b>Gas and oil facilities.....</b>	<b>31,850</b>	<b>4,235</b>	<b>36,085</b>	<b>44,276</b>	<b>5,723</b>	<b>49,999</b>	<b>41,709</b>	<b>5,683</b>	<b>47,392</b>
52. Gas mains and services .....	2,777	385	3,162	4,916	585	5,501	4,789	527	5,316
53. Pumping stations, oil .....	207	249	456	1,013	296	1,309	389	303	692
54. Pumping stations, gas.....	6,749	-	6,749	4,532	-	4,532	902	-	902
55. Oil storage tanks.....	332	171	503	558	167	725	531	163	694
56. Gas storage tanks .....	69	-	69	12	-	12	18	-	18
57. Oil pipe lines .....	452	255	707	2,122	317	2,439	959	321	1,280
58. Gas pipe lines .....	4,072	18	4,090	8,621	20	8,641	13,236	30	13,266
59. Oil wells.....	15,436	1,574	17,010	20,948	2,767	23,715	19,075	2,707	21,782
60. Gas wells .....	740	131	871	363	29	392	452	31	483
61. Oil refinery - processing units.....	1,016	1,452	2,468	1,189	1,536	2,725	1,219	1,601	2,820
62. Natural gas cleaning plants.....	-	-	-	2	6	8	139	-	139
<b>Other engineering construction.....</b>	<b>10,054</b>	<b>3,656</b>	<b>13,710</b>	<b>10,763</b>	<b>2,556</b>	<b>13,319</b>	<b>9,141</b>	<b>2,705</b>	<b>11,846</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,037	985	4,022	3,496	1,114	4,610	3,978	1,286	5,264
64. Tunnels and subways .....	-	-	-	12	-	12	6	-	6
65. Incinerators.....	-	-	-	-	-	-	4	-	4
66. Park systems, landscaping, sodding, etc.....	92	140	232	70	170	240	102	159	261
67. Swimming pools, tennis courts, outdoor recreation facilities....	4	13	17	3	16	19	33	16	49
68. Mine shafts and other below surface workings .....	4,750	567	5,317	4,998	229	5,227	2,024	175	2,199
69. Fences, snowsheds, signs, guard rails.....	1,574	812	2,386	1,535	738	2,273	1,484	755	2,239
70. Other engineering construction .....	597	1,139	1,736	649	289	938	1,510	314	1,824



TABLE 26. Alberta

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>721,545</b>	<b>155,174</b>	<b>876,719</b>	<b>662,313</b>	<b>150,894</b>	<b>813,207</b>	<b>675,577</b>	<b>158,250</b>	<b>833,827</b>
<b>Total building construction.....</b>	<b>307,857</b>	<b>82,373</b>	<b>390,230</b>	<b>363,621</b>	<b>89,051</b>	<b>452,672</b>	<b>350,097</b>	<b>93,158</b>	<b>443,255</b>
<b>Residential .....</b>	<b>146,900</b>	<b>48,400</b>	<b>195,300</b>	<b>173,600</b>	<b>55,900</b>	<b>229,500</b>	<b>171,200</b>	<b>59,300</b>	<b>230,500</b>
<b>Industrial .....</b>	<b>9,593</b>	<b>4,199</b>	<b>13,792</b>	<b>12,551</b>	<b>4,688</b>	<b>17,239</b>	<b>12,699</b>	<b>4,758</b>	<b>17,457</b>
2. Factories, plants, workshops, food canneries .....	6,698	2,610	9,308	10,405	3,018	13,423	11,271	2,945	14,216
3. Mine and mine mill buildings .....	160	1	161	553	44	597	35	28	63
4. Railway stations, offices, roadway buildings .....	2,168	1,116	3,284	1,254	1,144	2,398	1,023	1,250	2,273
5. Railway shops, engine houses, water and fuel stations.....	567	472	1,039	339	482	821	370	535	905
<b>Commercial .....</b>	<b>50,812</b>	<b>12,921</b>	<b>63,733</b>	<b>48,389</b>	<b>10,461</b>	<b>58,850</b>	<b>48,000</b>	<b>10,281</b>	<b>58,281</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	3,223	1,063	4,286	5,501	1,048	6,549	2,218	1,066	3,284
7. Grain elevators .....	3,164	1,373	4,537	2,477	988	3,465	1,077	933	2,010
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,096	1,263	4,359	2,373	1,106	3,479	5,721	1,000	6,721
9. Office buildings .....	27,866	5,401	33,267	21,285	3,925	25,210	21,623	3,819	25,442
10. Stores, retail and wholesale .....	7,335	2,084	9,419	9,488	2,020	11,508	10,417	2,046	12,463
11. Garages and service stations .....	2,399	693	3,092	2,961	595	3,556	2,979	588	3,567
12. Theatres, arenas, amusement and recreational buildings.....	3,626	941	4,567	4,118	671	4,789	3,671	705	4,376
13. Laundries and dry cleaning establishments .....	103	103	206	186	108	294	294	124	418
<b>Institutional .....</b>	<b>54,349</b>	<b>6,271</b>	<b>60,620</b>	<b>82,104</b>	<b>6,178</b>	<b>88,282</b>	<b>72,497</b>	<b>6,794</b>	<b>79,291</b>
14. Schools and other educational buildings.....	28,556	3,856	32,412	62,851	4,066	66,917	47,804	4,537	52,341
15. Churches and other religious buildings.....	3,186	201	3,387	2,841	162	3,003	1,998	157	2,155
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	17,513	1,507	19,020	12,092	1,512	13,604	17,186	1,692	18,878
17. Other institutional buildings.....	5,094	707	5,801	4,320	438	4,758	5,509	408	5,917
<b>Other building construction .....</b>	<b>46,203</b>	<b>10,582</b>	<b>56,785</b>	<b>46,977</b>	<b>11,824</b>	<b>58,801</b>	<b>45,701</b>	<b>12,025</b>	<b>57,726</b>
18. Farm buildings (excluding dwellings) .....	32,216	8,537	40,753	37,708	10,010	47,718	36,666	9,770	46,436
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,341	375	8,716	4,216	310	4,526	4,623	316	4,939
20. Aeroplane hangers .....	121	333	454	106	272	378	94	288	382
21. Passenger terminals, bus, boat or air .....	1,945	33	1,978	1,728	39	1,767	1,527	382	1,909
22. Armouries, barracks, drill halls, etc. ....	1,696	965	2,661	1,499	889	2,388	1,335	938	2,273
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	566	146	712	394	144	538	195	166	361
24. Other building construction.....	1,318	193	1,511	1,326	160	1,486	1,261	165	1,426
<b>Total engineering construction.....</b>	<b>413,688</b>	<b>72,801</b>	<b>486,489</b>	<b>298,692</b>	<b>61,843</b>	<b>360,535</b>	<b>325,480</b>	<b>65,092</b>	<b>390,572</b>
<b>Marine construction.....</b>	<b>544</b>	<b>614</b>	<b>1,158</b>	<b>526</b>	<b>565</b>	<b>1,091</b>	<b>522</b>	<b>591</b>	<b>1,113</b>
25. Docks, wharves, piers, breakwaters .....	66	82	148	57	65	122	56	73	129
26. Retaining walls, embankments, riprapping .....	26	19	45	23	11	34	20	12	32
27. Canals and waterways .....	-	-	-	-	-	-	-	-	-
28. Dredging and pile driving .....	-	296	296	-	274	274	-	290	290
29. Dyke construction.....	-	-	-	-	-	-	-	-	-
30. Logging booms.....	6	-	6	-	-	-	-	-	-
31. Other marine construction .....	446	217	663	446	215	661	446	216	662



TABLE 26. Alberta — Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair		New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>71,645</b>	<b>29,454</b>	<b>101,099</b>	<b>65,860</b>	<b>20,950</b>	<b>86,810</b>	<b>63,748</b>	<b>21,319</b>	<b>85,061</b>
32. Hard surfaced or paved streets, highways, parking lots, ect. ..	45,097	20,027	65,124	41,652	15,177	56,829	39,806	15,531	55,337
33. Gravel or stone streets, highways, roads, parking lots, ect. ....	12,200	8,349	20,549	10,814	4,872	15,686	10,263	4,854	15,117
34. Dirt, clay or other streets, roads, parking lots, ect. ....	6,406	501	6,907	5,598	351	5,949	5,606	351	5,957
35. Grading, scraping, oiling, filling .....	1,965	40	2,005	2,105	40	2,145	2,824	41	2,865
36. Sidewalks, paths .....	3,112	447	3,559	3,159	431	3,590	2,992	453	3,445
37. Aerodromes, landing fields, runways, tarmac .....	2,865	90	2,955	2,532	79	2,611	2,257	83	2,340
<b>Waterworks and sewage systems .....</b>	<b>13,199</b>	<b>3,404</b>	<b>16,603</b>	<b>14,363</b>	<b>3,438</b>	<b>17,801</b>	<b>13,690</b>	<b>3,683</b>	<b>17,373</b>
38. Tile drains, drainage ditches, storm sewers .....	333	116	449	38	73	111	29	77	106
39. Water mains, hydrants and services .....	3,911	1,662	5,573	5,299	1,740	7,039	4,717	1,894	6,611
40. Sewage systems and connections .....	8,493	1,522	10,015	8,677	1,487	10,164	8,240	1,555	9,795
41. Pumping stations, water .....	197	88	285	349	131	480	704	138	842
42. Water storage tanks .....	265	16	281	—	7	7	—	19	19
<b>Dams and irrigation .....</b>	<b>6,046</b>	<b>1,499</b>	<b>7,545</b>	<b>5,913</b>	<b>1,505</b>	<b>7,418</b>	<b>5,104</b>	<b>1,544</b>	<b>6,648</b>
43. Dams and reservoirs .....	2,396	460	2,856	2,168	426	2,594	1,466	450	1,916
44. Irrigation and land reclamation projects .....	3,650	1,039	4,689	3,745	1,079	4,824	3,638	1,094	4,732
<b>Electric power construction .....</b>	<b>16,896</b>	<b>3,872</b>	<b>20,768</b>	<b>20,126</b>	<b>2,487</b>	<b>22,613</b>	<b>17,487</b>	<b>3,010</b>	<b>20,497</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,610	412	4,022	7,315	279	7,594	6,314	342	6,656
46. Electric transformer stations .....	1,312	266	1,578	1,535	189	1,724	1,170	226	1,396
47. Power transmission and distribution lines, trolley wires .....	9,251	2,768	12,019	8,703	1,498	10,201	7,682	1,863	9,545
48. Street lighting .....	2,723	426	3,149	2,573	521	3,094	2,321	579	2,900
<b>Railway, telephone and telegraph .....</b>	<b>18,190</b>	<b>14,109</b>	<b>32,299</b>	<b>17,844</b>	<b>13,847</b>	<b>31,691</b>	<b>17,957</b>	<b>14,875</b>	<b>32,832</b>
49. Railway tracks and roadbed .....	10,528	11,276	21,804	12,083	10,260	22,343	12,286	11,108	23,394
50. Signals and interlockers .....	2,204	652	2,856	770	652	1,422	592	714	1,306
51. Telegraph and telephone lines, underground and marine cables ..	5,458	2,181	7,639	4,991	2,935	7,926	5,079	3,053	8,132
<b>Gas and oil facilities .....</b>	<b>271,098</b>	<b>11,661</b>	<b>282,759</b>	<b>158,831</b>	<b>13,441</b>	<b>172,272</b>	<b>191,774</b>	<b>14,362</b>	<b>206,136</b>
52. Gas mains and services .....	3,320	785	4,105	8,874	907	9,781	5,580	1,008	6,588
53. Pumping stations, oil .....	724	362	1,086	1,348	460	1,808	490	467	957
54. Pumping stations, gas .....	1,266	93	1,359	294	37	331	471	104	575
55. Oil storage tanks .....	3,845	534	4,379	2,434	308	2,742	1,752	376	2,128
56. Gas storage tanks .....	82	—	82	—	—	—	—	—	—
57. Oil pipe lines .....	13,878	419	14,297	7,676	461	8,137	4,661	397	5,058
58. Gas pipe lines .....	59,638	444	60,082	7,914	300	8,214	24,490	293	24,783
59. Oil wells .....	85,609	3,682	89,291	77,723	4,818	82,541	88,425	4,879	93,304
60. Gas wells .....	35,884	1,219	37,103	23,546	1,075	24,621	28,765	1,126	29,891
61. Oil refinery — processing units .....	1,013	2,628	3,641	1,489	2,639	4,128	1,154	2,734	3,888
62. Natural gas cleaning plants .....	65,839	1,495	67,334	27,533	2,436	29,969	35,986	2,978	38,964
<b>Other engineering construction .....</b>	<b>16,070</b>	<b>8,188</b>	<b>24,258</b>	<b>15,229</b>	<b>5,610</b>	<b>20,839</b>	<b>15,198</b>	<b>5,714</b>	<b>20,912</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,926	5,131	16,057	10,510	3,422	13,932	10,744	3,496	14,240
64. Tunnels and subways .....	267	—	267	37	—	37	20	—	20
65. Incinerators .....	47	—	47	42	—	42	37	—	37
66. Park systems, landscaping, sodding, etc. ....	658	467	1,125	594	334	928	549	343	892
67. Swimming pools, tennis courts, outdoor recreation facilities....	194	152	346	171	141	312	153	149	302
68. Mine shafts and other below surface workings .....	11	3	14	6	—	6	—	—	—
69. Fences, snowsheds, signs, guard rails .....	2,269	1,005	3,274	2,458	929	3,387	2,368	947	3,315
70. Other engineering construction .....	1,698	1,430	3,128	1,411	734	2,195	1,327	779	2,106

TABLE 27. British Columbia

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>595,242</b>	<b>158,382</b>	<b>753,624</b>	<b>609,189</b>	<b>161,475</b>	<b>770,664</b>	<b>734,415</b>	<b>165,138</b>	<b>899,553</b>
<b>Total building construction .....</b>	<b>295,793</b>	<b>90,847</b>	<b>386,640</b>	<b>319,670</b>	<b>95,588</b>	<b>415,258</b>	<b>329,361</b>	<b>98,320</b>	<b>427,681</b>
<b>Residential .....</b>	<b>149,300</b>	<b>48,900</b>	<b>198,200</b>	<b>161,800</b>	<b>52,300</b>	<b>214,100</b>	<b>160,300</b>	<b>55,500</b>	<b>215,800</b>
<b>Industrial .....</b>	<b>29,550</b>	<b>10,707</b>	<b>40,257</b>	<b>32,501</b>	<b>12,425</b>	<b>44,926</b>	<b>40,695</b>	<b>11,458</b>	<b>52,153</b>
2. Factories, plants, workshops, food canneries .....	21,729	8,816	30,545	26,336	10,412	36,748	37,719	9,210	46,929
3. Mine and mine mill buildings .....	6,698	277	6,975	4,806	305	5,111	948	302	1,250
4. Railway stations, offices, roadway buildings .....	836	1,150	1,986	931	1,271	2,202	1,569	1,454	3,023
5. Railway shops, engine houses, water and fuel stations .....	287	464	751	428	437	865	459	492	951
<b>Commercial .....</b>	<b>47,003</b>	<b>11,619</b>	<b>58,622</b>	<b>46,521</b>	<b>11,163</b>	<b>57,684</b>	<b>50,300</b>	<b>11,308</b>	<b>61,608</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,714	1,706	6,420	4,583	1,725	6,308	7,336	1,676	9,012
7. Grain elevators .....	74	90	164	76	248	324	77	91	168
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,196	1,784	9,980	6,013	1,655	7,668	4,345	1,640	5,985
9. Office buildings .....	11,771	2,287	14,058	13,184	2,230	15,414	14,531	2,504	17,035
10. Stores, retail and wholesale .....	13,639	2,587	16,226	11,471	2,448	13,919	14,192	2,491	16,683
11. Garages and service stations .....	3,024	656	3,680	3,675	674	4,349	3,619	712	4,331
12. Theatres, arenas, amusement and recreational buildings .....	5,501	2,378	7,879	7,420	2,054	9,474	6,051	2,076	8,127
13. Laundries and dry cleaning establishments .....	84	131	215	99	129	228	149	118	267
<b>Institutional .....</b>	<b>44,146</b>	<b>12,279</b>	<b>56,425</b>	<b>55,534</b>	<b>12,111</b>	<b>67,665</b>	<b>53,486</b>	<b>12,124</b>	<b>67,610</b>
14. Schools and other educational buildings .....	24,300	7,131	31,431	35,651	6,897	42,548	35,786	7,372	43,158
15. Churches and other religious buildings .....	6,270	544	6,814	3,381	186	3,567	4,129	201	4,330
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,294	2,176	13,470	12,548	2,555	15,103	12,986	1,835	14,821
17. Other institutional buildings .....	2,282	2,428	4,710	3,974	2,473	6,447	2,585	2,716	5,301
<b>Other building construction .....</b>	<b>25,794</b>	<b>7,342</b>	<b>33,136</b>	<b>23,294</b>	<b>7,589</b>	<b>30,883</b>	<b>22,580</b>	<b>7,930</b>	<b>30,510</b>
18. Farm buildings (excluding dwellings) .....	9,099	2,324	11,423	10,085	2,609	12,694	9,657	2,500	12,157
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6,061	441	6,502	5,863	281	6,144	6,064	303	6,367
20. Aeroplane hangars .....	1,827	65	1,892	36	72	108	24	71	95
21. Passenger terminals, bus, boat or air .....	1,560	30	1,590	1,421	247	1,668	1,583	306	1,889
22. Armouries, barracks, drill halls, etc. ....	1,620	934	2,554	1,444	887	2,331	1,270	934	2,204
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,886	1,326	4,212	1,992	1,314	3,306	1,599	1,448	3,047
24. Other building construction .....	2,741	2,222	4,963	2,453	2,179	4,632	2,383	2,368	4,751
<b>Total engineering construction .....</b>	<b>299,449</b>	<b>67,535</b>	<b>366,984</b>	<b>289,519</b>	<b>65,887</b>	<b>355,406</b>	<b>405,054</b>	<b>66,818</b>	<b>471,872</b>
<b>Marine construction .....</b>	<b>7,687</b>	<b>3,221</b>	<b>10,908</b>	<b>5,357</b>	<b>2,922</b>	<b>8,279</b>	<b>5,685</b>	<b>3,228</b>	<b>8,913</b>
25. Docks, wharves, piers, breakwaters .....	4,485	1,704	6,189	3,274	1,655	4,929	3,909	1,873	5,782
26. Retaining walls, embankments, riprapping .....	167	145	312	52	5	57	72	3	75
27. Canals and waterways .....	582	71	653	170	21	191	109	26	135
28. Dredging and pile driving .....	1,026	979	2,005	577	1,002	1,579	420	1,086	1,506
29. Dyke construction .....	13	25	38	13	4	17	66	2	68
30. Logging booms .....	141	239	380	194	178	372	141	178	319
31. Other marine construction .....	1,273	58	1,331	1,077	57	1,134	968	60	1,028



TABLE 27. British Columbia - Concluded

Type of structure	1961			1962			1963		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>96, 871</b>	<b>24, 688</b>	<b>121, 559</b>	<b>102, 207</b>	<b>25, 203</b>	<b>127, 410</b>	<b>95, 209</b>	<b>23, 838</b>	<b>119, 047</b>
32. Hard surfaced or paved streets, highways, parking lots, etc..	31, 919	7, 131	39, 050	31, 592	8, 973	40, 565	29, 682	7, 747	37, 429
33. Gravel or stone streets, highways, roads, parking lots, etc. ..	47, 188	13, 092	60, 280	49, 938	12, 080	62, 018	43, 929	11, 973	55, 902
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9, 628	3, 257	12, 885	11, 168	3, 055	14, 223	9, 976	2, 995	12, 971
35. Grading, scraping, oiling, filling .....	313	711	1, 024	2, 210	655	2, 865	4, 978	675	5, 653
36. Sidewalks, paths .....	1, 559	450	2, 009	1, 774	391	2, 165	1, 786	393	2, 179
37. Aerodromes, landing fields, runways, tarmac .....	6, 264	47	6, 311	5, 525	49	5, 574	4, 858	55	4, 913
<b>Waterworks and sewage systems</b> .....	<b>24, 820</b>	<b>4, 640</b>	<b>29, 460</b>	<b>27, 750</b>	<b>4, 294</b>	<b>32, 044</b>	<b>26, 002</b>	<b>4, 414</b>	<b>30, 416</b>
38. Tile drains, drainage ditches, storm sewers .....	202	607	809	142	549	691	170	575	745
39. Water mains, hydrants and services .....	10, 608	2, 387	12, 995	11, 317	2, 304	13, 621	8, 454	2, 397	10, 851
40. Sewage systems and connections .....	13, 250	1, 404	14, 654	15, 240	1, 289	16, 529	15, 556	1, 282	16, 838
41. Pumping stations, water .....	399	144	543	901	79	980	1, 643	77	1, 720
42. Water storage tanks .....	361	98	459	150	73	223	179	83	262
<b>Dams and irrigation</b> .....	<b>6, 280</b>	<b>399</b>	<b>6, 679</b>	<b>5, 448</b>	<b>478</b>	<b>5, 926</b>	<b>67, 153</b>	<b>461</b>	<b>67, 614</b>
43. Dams and reservoirs .....	5, 667	245	5, 912	4, 800	309	5, 109	66, 302	297	66, 599
44. Irrigation and land reclamation projects .....	613	154	767	648	169	817	851	164	1, 015
<b>Electric power construction</b> .....	<b>21, 771</b>	<b>7, 178</b>	<b>28, 949</b>	<b>42, 420</b>	<b>5, 182</b>	<b>47, 602</b>	<b>95, 751</b>	<b>5, 476</b>	<b>101, 227</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2, 270	2, 537	4, 807	20, 948	1, 062	22, 010	59, 364	1, 118	60, 482
46. Electric transformer stations .....	481	423	904	289	224	513	384	193	577
47. Power transmission and distribution lines, trolley wires .....	16, 789	2, 799	19, 588	18, 965	2, 588	21, 553	33, 817	2, 853	36, 670
48. Street lighting .....	2, 231	1, 419	3, 650	2, 218	1, 308	3, 526	2, 186	1, 312	3, 498
<b>Railway, telephone and telegraph</b> .....	<b>21, 705</b>	<b>16, 490</b>	<b>38, 195</b>	<b>21, 527</b>	<b>16, 421</b>	<b>37, 948</b>	<b>32, 735</b>	<b>18, 058</b>	<b>50, 793</b>
49. Railway tracks and roadbed .....	13, 695	13, 125	26, 820	12, 933	12, 537	25, 470	21, 237	13, 640	34, 877
50. Signals and interlockers .....	525	612	1, 137	536	760	1, 296	726	823	1, 549
51. Telegraph and telephone lines, underground and marine cables	7, 485	2, 753	10, 238	8, 058	3, 124	11, 182	10, 772	3, 595	14, 367
<b>Gas and oil facilities</b> .....	<b>84, 618</b>	<b>3, 643</b>	<b>88, 263</b>	<b>47, 073</b>	<b>4, 055</b>	<b>51, 128</b>	<b>44, 826</b>	<b>4, 079</b>	<b>48, 905</b>
52. Gas mains and services .....	4, 930	412	5, 342	5, 420	360	5, 780	7, 202	369	7, 571
53. Pumping stations, oil .....	971	76	1, 047	269	210	479	—	253	253
54. Pumping stations, gas .....	2, 026	11	2, 037	57	7	64	37	6	43
55. Oil storage tanks .....	1, 771	332	2, 103	1, 234	549	1, 783	1, 314	392	1, 706
56. Gas storage tanks .....	8	—	8	178	—	178	—	—	—
57. Oil pipe lines .....	24, 205	273	24, 478	1, 538	515	2, 053	1, 469	455	1, 924
58. Gas pipe lines .....	27, 812	188	28, 000	3, 081	256	3, 337	1, 486	423	1, 909
59. Oil wells .....	13, 495	302	13, 797	19, 640	243	19, 883	17, 697	200	17, 897
60. Gas wells .....	7, 910	27	7, 937	13, 380	68	13, 448	13, 553	93	13, 646
61. Oil refinery—processing units .....	727	1, 867	2, 594	2, 256	1, 847	4, 103	1, 912	1, 888	3, 800
62. Natural gas cleaning plants .....	763	157	920	20	—	20	156	—	156
<b>Other engineering construction</b> .....	<b>35, 697</b>	<b>7, 274</b>	<b>42, 971</b>	<b>37, 737</b>	<b>7, 332</b>	<b>45, 069</b>	<b>37, 693</b>	<b>7, 264</b>	<b>44, 957</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	24, 613	3, 683	28, 296	28, 031	3, 868	31, 899	27, 744	3, 657	31, 401
64. Tunnels and subways .....	310	—	310	16	—	16	32	—	32
65. Incinerators .....	50	4	54	12	—	12	11	10	21
66. Park systems, landscaping, sodding etc. ....	283	293	576	230	405	635	202	422	624
67. Swimming pools, tennis courts, outdoor recreation facilities ..	96	84	180	38	8	46	27	7	34
68. Mine shafts and other below surface workings .....	2, 197	44	2, 241	2, 155	33	2, 188	3, 136	25	3, 161
69. Fences, snowsheds, signs, guard rails .....	1, 111	1, 365	2, 476	850	1, 319	2, 169	801	1, 404	2, 205
70. Other engineering construction .....	7, 037	1, 801	8, 838	6, 405	1, 699	8, 104	5, 740	1, 739	7, 479



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insur-

ance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1963".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1960 of all the firms in each industry by the corresponding 1960 total for the firms reporting in the 1963 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1960 and 1963 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1962 preliminary actual figures and the 1963 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1962 to 1963 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1961 and 1962, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1963 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 5,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1962.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1961 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1961 to 1963. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1962 and 1963 an average annual earnings figure was computed from 1961, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.









Canada. Statistics. Bureau of  
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CONSTRUCTION IN CANADA  
1962-64



DOMINION BUREAU OF STATISTICS

Business Finance Division

Operations Section



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# CONSTRUCTION IN CANADA

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## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1962 and 1963 and provides estimates of the intended program for 1964. The information given for 1963 is preliminary whereas that shown for 1962 and earlier years is final. The probable volume of construction that will be realized in 1964 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of structures also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected at the same time and from the same sources as that used in "Private and Public Investment in Canada, Outlook 1964", issued earlier this year. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail, with separate estimates provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on labour content in terms of numbers of persons and value and cost of material used. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Canada's 1963 construction programme reached \$7.7 billion, a 5.5 per cent increase from the 1962 level of \$7.3 billion. New construction, at \$6,150 million in 1963, was 6.3 per cent above the 1962 amount of \$5,787 million, while repair construction rose by 2.5 per cent to \$1,546 million in 1963 from \$1,509 million in the preceding year.

Building construction showed little change from the 1962 level except for residential construction which increased by \$157 million. Notwithstanding this increase, building construction in 1963 represented a smaller percentage of the total construction programme than in 1962.

Total outlays on engineering construction were significantly higher in 1963 owing to expanded programmes for roads, bridges and subways, increased

expenditures on dams, reservoirs and transmission lines as a result of hydro electric developments in progress during the year, and expansion of gas and oil facilities.

Plans for 1964 show that the total construction programme is expected to reach \$8.3 billion, an increase of 7.7 per cent over 1963. Should this programme be realized, it will be reflected in an increase in residential, industrial and commercial building. On the other hand, outlays for schools will be much below last year's level as a result of the advanced stage of the large federally-supported programme of technical school construction. Engineering will continue to rise with the emphasis on increased road, bridge and subway construction, as well as the continued development of hydro electric power projects.

Year	Total new and repair construction	To change over previous year in	
		Value	Volume
1955 .....	5,308	9.6	7.0
1956 .....	6,454	21.6	15.8
1957 .....	7,023	8.8	5.1
1958 .....	7,092	1.0	1.0
1959 .....	7,077	- 0.2	- 3.5
1960 .....	6,886	- 2.7	- 4.7
1961 .....	6,974	1.3	2.1
1962 .....	7,296	4.6	0.8
1963 .....	7,696	5.5	1.2
1964 .....	8,287	7.7	

# VALUE OF CONSTRUCTION WORK PERFORMED

TABLE 1. Current and Constant Dollars, 1955 -64<sup>1</sup>

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant
	millions of dollars							
1955 .....	4,167	4,510	1,141	1,259	5,308	5,769	19.6	19.1
1956 .....	5,272	5,444	1,182	1,236	6,454	6,680	21.1	21.1
1957 .....	5,785	5,785	1,238	1,238	7,023	7,023	22.0	22.1
1958 .....	5,831	5,868	1,261	1,230	7,092	7,098	21.6	22.1
1959 .....	5,710	5,556	1,367	1,290	7,077	6,846	20.3	20.1
1960 .....	5,454	5,223	1,432	1,301	6,886	6,524	19.0	19.1
1961 .....	5,518	5,345	1,456	1,313	6,974	6,658	18.7	19.1
1962 .....	5,787	5,390	1,509	1,319	7,296	6,709	18.1	18.1
1963 .....	6,150	5,485	1,546	1,306	7,696	6,791	17.9	17.1
1964 .....	6,663		1,624		8,287			

<sup>1</sup> Actual 1955-62, preliminary 1963, intentions 1964.

TABLE 2. By Contractors and Others, 1960 -64<sup>1</sup>

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1960 .....	4,506	677	5,183	948	755	1,703	5,454	1,432	6,886
1961 .....	4,621	726	5,347	897	730	1,627	5,518	1,456	6,974
1962 .....	4,900	810	5,710	887	699	1,586	5,787	1,509	7,296
1963 .....	5,296	862	6,158	854	684	1,538	6,150	1,546	7,696
1964 .....	5,826	923	6,749	837	701	1,538	6,663	1,624	8,287

<sup>1</sup> Actual 1960-62, preliminary 1963, intentions 1964.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

TABLE 3. By Principal Types of Construction, 1960 -64<sup>1</sup>

	1960		1961		1962		1963		1964	
	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total	Value	Percent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
Total construction.....	6,886	100.0	6,974	100.0	7,296	100.0	7,696	100.0	8,287	100.0
Total building construction .....	4,051	58.8	4,143	59.4	4,543	62.3	4,700	61.1	4,965	59.9
Residential.....	1,913	27.8	1,951	28.0	2,100	28.8	2,257	29.3	2,485	29.9
Industrial .....	452	6.6	411	5.9	492	6.7	507	6.6	565	6.8
Commercial.....	738	10.7	755	10.8	719	9.9	716	9.3	751	9.1
Institutional .....	615	8.9	647	9.3	827	11.3	830	10.8	759	9.2
Other building .....	333	4.8	379	5.4	405	5.6	390	5.1	405	4.9
Total engineering .....	2,835	41.2	2,831	40.6	2,753	37.7	2,996	38.9	3,322	40.1
Marine construction.....	119	1.7	121	1.7	85	1.2	61	0.8	77	0.9
Road highway and aerodrome construction .....	830	12.1	750	10.8	803	11.0	878	11.3	1,025	12.4
Waterworks and sewage systems.....	233	3.4	223	3.2	228	3.1	231	3.0	272	3.3
Dams and irrigation.....	92	1.3	78	1.1	93	1.3	174	2.3	183	2.2
Electric power construction .....	349	5.1	411	5.9	454	6.2	444	5.8	479	5.8
Railway, telephone and telegraph construction .....	452	6.6	384	5.5	373	5.1	397	5.2	396	4.8
Gas and oil facilities .....	454	6.6	520	7.5	416	5.7	495	6.4	489	5.9
Other engineering construction .....	306	4.4	344	4.9	301	4.1	316	4.1	401	4.8

<sup>1</sup> Actual 1960-62, preliminary 1963, intentions 1964.



**TABLE 4. By Principal Types of Construction for Industry and Sector**

	1962			1963			1964		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Totals .....</b>	<b>4,542,935</b>	<b>2,753,104</b>	<b>7,296,039</b>	<b>4,699,746</b>	<b>2,995,616</b>	<b>7,695,362</b>	<b>4,965,080</b>	<b>3,321,437</b>	<b>8,286,517</b>
Agriculture and fishing .....	229,648	26,013	255,661	232,297	26,245	258,542	245,135	27,672	272,807
Forestry .....	6,709	38,506	45,215	6,511	36,803	43,314	6,813	38,941	45,754
Mining, quarrying and oil wells .....	100,522	269,763	370,285	96,472	306,946	403,418	116,818	306,885	423,703
Construction .....	17,749	304	18,053	18,814	304	19,118	20,152	304	20,456
Manufacturing .....	371,006	115,928	486,934	382,237	91,233	473,470	422,479	69,219	491,698
Utilities .....	133,673	1,129,136	1,262,809	129,079	1,292,605	1,421,684	116,684	1,463,116	1,579,800
Trade—Wholesale and retail .....	149,793	9,224	159,017	165,023	8,148	173,171	176,970	7,723	184,693
Finance, insurance and real estate .....	261,286	4,631	265,917	231,216	4,442	235,658	247,073	5,812	252,885
Commercial services .....	80,707	1,340	82,047	100,619	1,603	102,222	106,393	12,353	118,746
Housing .....	2,100,000	—	2,100,000	2,257,400	—	2,257,400	2,485,000	—	2,485,000
Institutional services .....	787,587	2,741	790,328	798,925	3,179	802,104	721,268	3,195	724,463
Government departments .....	304,255	1,155,518	1,459,773	281,153	1,224,108	1,505,261	300,295	1,386,217	1,686,512

**TABLE 5. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector**

	Change 1962 to 1963						Change 1963 to 1964											
	Building		Engineering		Total		Building		Engineering		Total							
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%						
Totals .....	157	3.5	243	8.8	399	5.5	265	5.6	326	10.9	591	7.7						
Agriculture and fishing .....	3	1.2	—	0.9	3	1.1	13	5.5	1	5.4	14	5.5						
Forestry .....	—	—	3.0	—	2	—	4.2	—	4.6	2	5.8	2	5.6					
Mining, quarrying and oil wells .....	—	4	—	4.0	37	13.8	33	8.9	20	21.1	—	—	20	5.0				
Construction .....	1	6.0	—	—	1	5.9	1	7.1	—	—	1	7.0						
Manufacturing' .....	11	3.0	—	25	—	21.3	—	13	—	2.8	40	10.5	—	22	—	24.1	18	3.8
Utilities .....	—	5	—	3.4	163	14.5	159	12.6	—	12	—	9.6	171	13.2	158	11.1		
Trade—Wholesale and retail .....	15	10.2	—	1	—	11.7	14	8.9	12	7.2	—	—	5.2	12	6.7			
Finance, insurance and real estate .....	—	30	—	11.5	—	4.1	—	30	—	11.4	16	6.9	1	30.8	17	7.3		
Commercial services .....	20	24.7	—	19.6	20	24.6	6	5.7	11	1	17	16.2						
Housing .....	157	7.5	—	—	157	7.5	228	10.1	—	—	228	10.1						
Institutional services .....	11	1.4	—	16.0	12	1.5	—	78	—	9.7	—	0.5	—	78	—	9.7		
Government departments .....	—	23	—	7.6	69	5.9	45	3.1	19	6.8	162	13.2	181	12.0				

<sup>1</sup> Percentage change greater than 500%.



TABLE 6. By Type of Structure, Total, 1960-64<sup>1</sup>

Type of structure	1960	1961	1962	1963	1964
thousands of dollars					
<b>Total value of construction.....</b>	<b>6,886,255</b>	<b>6,974,379</b>	<b>7,296,039</b>	<b>7,695,362</b>	<b>8,286,511</b>
<b>Total building construction.....</b>	<b>4,051,104</b>	<b>4,143,170</b>	<b>4,542,935</b>	<b>4,699,746</b>	<b>4,965,011</b>
<b>Residential.....</b>	<b>1,913,100</b>	<b>1,951,000</b>	<b>2,100,000</b>	<b>2,257,400</b>	<b>2,485,011</b>
<b>Industrial.....</b>	<b>451,568</b>	<b>410,868</b>	<b>491,595</b>	<b>506,704</b>	<b>565,211</b>
2. Factories, plants, workshops, food canneries.....	365,607	318,894	372,828	385,747	425,011
3. Mine and mine mill buildings.....	45,891	57,576	83,183	83,508	103,111
4. Railway stations, offices, roadway buildings.....	23,114	22,904	23,834	24,561	22,411
5. Railway shops, engine houses, water and fuel stations.....	16,956	11,494	11,750	12,888	14,611
<b>Commercial.....</b>	<b>738,127</b>	<b>754,659</b>	<b>719,500</b>	<b>715,834</b>	<b>750,811</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	82,131	65,241	62,539	69,488	67,511
7. Grain elevators.....	20,901	28,101	29,295	24,447	15,711
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	48,449	46,568	47,480	59,713	75,611
9. Office buildings.....	309,942	351,877	323,933	292,520	318,511
10. Stores, retail and wholesale.....	187,987	164,757	164,164	171,306	179,311
11. Garages and service stations.....	55,223	44,069	36,098	39,180	50,311
12. Theatres, arenas, amusement and recreational buildings.....	31,868	51,416	53,268	55,462	41,411
13. Laundries and dry cleaning establishments.....	1,626	2,630	2,723	3,718	2,011
<b>Institutional.....</b>	<b>615,188</b>	<b>647,056</b>	<b>827,313</b>	<b>830,023</b>	<b>759,411</b>
14. Schools and other educational buildings.....	346,599	360,968	537,180	574,597	487,911
15. Churches and other religious buildings.....	70,037	68,705	61,210	52,110	47,511
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	153,707	179,382	189,903	171,527	190,311
17. Other institutional buildings.....	44,845	38,001	39,020	31,789	33,511
<b>Other building construction.....</b>	<b>333,121</b>	<b>379,587</b>	<b>404,527</b>	<b>389,785</b>	<b>404,511</b>
18. Farm buildings (excluding dwellings).....	168,215	211,739	232,922	236,227	248,411
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	60,749	69,464	64,505	62,024	55,711
20. Aeroplane hangars.....	17,436	8,633	6,949	5,241	5,711
21. Passenger terminals, bus, boat or air.....	26,181	22,829	30,245	19,515	16,611
22. Armouries, barracks, drill halls, etc. ....	20,846	24,298	27,196	26,632	26,811
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	21,280	16,232	19,288	13,885	14,411
24. Other building construction.....	18,414	26,392	23,422	26,261	36,611
<b>Total engineering construction.....</b>	<b>2,835,151</b>	<b>2,831,209</b>	<b>2,753,104</b>	<b>2,995,616</b>	<b>3,321,431</b>
<b>Marine construction.....</b>	<b>119,032</b>	<b>120,843</b>	<b>84,996</b>	<b>60,846</b>	<b>77,331</b>
25. Docks, wharves, piers, breakwaters.....	71,540	77,080	57,831	40,030	42,951
26. Retaining walls, embankments, riprapping.....	4,263	2,292	2,702	7,659	11,611
27. Canals and waterways.....	6,711	10,470	9,511	3,082	12,171
28. Dredging and pile driving.....	31,590	23,928	11,192	6,794	7,341
29. Dyke construction.....	294	1,081	716	571	631
30. Logging booms.....	1,246	965	960	741	681
31. Other marine construction.....	3,388	5,027	2,084	1,969	1,921

<sup>1</sup> Actual 1960-62, preliminary 1963, intentions 1964.

TABLE 6. By Type of Structure, Total, 1960-64<sup>1</sup> - Concluded

Type of structure	1960	1961	1962	1963	1964
thousands of dollars					
<b>Road, highway and aerodrome construction</b> .....	<b>830,359</b>	<b>750,170</b>	<b>802,711</b>	<b>878,159</b>	<b>1,024,912</b>
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	457,143	461,738	512,782	615,785	762,303
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	241,832	170,396	165,289	159,392	159,845
3. Dirt, clay or other streets, roads, parking lots, etc. ....	50,608	39,227	43,785	27,203	27,688
4. Grading, scraping, oiling, filling .....	26,345	27,535	30,336	30,217	29,065
5. Sidewalks, paths .....	24,075	22,275	26,858	25,648	25,659
6. Aerodromes, landing fields, runways, tarmac .....	30,356	28,999	23,661	19,914	20,352
<b>Waterworks and sewage systems</b> .....	<b>232,783</b>	<b>223,152</b>	<b>227,615</b>	<b>231,147</b>	<b>271,512</b>
1. Tile drains, drainage ditches, storm sewers .....	21,122	7,082	5,434	10,744	11,961
2. Water mains, hydrants and services .....	78,277	77,034	87,127	69,946	95,472
3. Sewage systems and connections .....	113,367	122,685	122,430	134,655	137,681
4. Pumping stations, water .....	17,254	14,116	8,689	10,666	21,247
5. Water storage tanks .....	2,763	2,235	3,935	5,136	5,151
<b>Dams and irrigation</b> .....	<b>91,743</b>	<b>78,351</b>	<b>93,317</b>	<b>173,688</b>	<b>183,321</b>
1. Dams and reservoirs .....	76,295	60,018	72,547	151,159	158,508
2. Irrigation and land reclamation projects .....	15,448	18,333	20,770	22,529	24,813
<b>Electric power construction</b> .....	<b>348,877</b>	<b>411,381</b>	<b>454,338</b>	<b>443,880</b>	<b>479,032</b>
1. Electric power generating plants, including water conveying and controlling structures .....	128,977	197,121	217,572	143,845	127,457
2. Electric transformer stations .....	43,556	33,237	32,119	56,221	62,429
3. Power transmission and distribution lines, trolley wires .....	159,678	159,854	185,563	225,804	270,214
4. Street lighting .....	16,666	21,169	19,084	18,010	18,932
<b>Railway, telephone and telegraph</b> .....	<b>451,561</b>	<b>384,023</b>	<b>372,889</b>	<b>397,229</b>	<b>395,510</b>
1. Railway tracks and roadbed .....	269,070	231,571	211,252	221,354	217,824
2. Signals and interlockers .....	13,696	16,104	13,943	16,166	16,579
3. Telegraph and telephone lines, underground and marine cables .....	168,795	136,348	147,694	159,709	161,107
<b>Gas and oil facilities</b> .....	<b>454,372</b>	<b>519,526</b>	<b>416,096</b>	<b>495,054</b>	<b>489,076</b>
1. Gas mains and services .....	60,764	56,542	67,880	63,701	55,185
2. Pumping stations, oil .....	3,992	3,228	3,054	5,060	2,785
3. Pumping stations, gas .....	27,370	13,773	25,423	27,601	26,103
4. Oil storage tanks .....	22,686	20,774	16,395	13,930	11,079
5. Gas storage tanks .....	8,869	909	967	2,687	969
6. Oil pipe lines .....	16,517	42,957	16,930	21,636	14,555
7. Gas pipe lines .....	52,807	95,260	23,778	55,819	91,111
8. Oil wells .....	141,163	121,147	138,067	174,373	176,042
9. Gas wells .....	34,687	46,422	25,257	27,427	30,252
10. Oil refinery - Processing units .....	64,383	48,229	77,406	63,106	45,423
11. Natural gas cleaning plants .....	21,134	70,285	20,939	39,714	35,572
<b>Other engineering construction</b> .....	<b>306,424</b>	<b>343,763</b>	<b>301,142</b>	<b>315,613</b>	<b>400,740</b>
1. Bridges, trestles, culverts, overpasses, viaducts .....	196,396	207,566	166,886	179,848	202,241
2. Tunnels and subways .....	21,740	19,261	17,580	30,551	75,827
3. Incinerators .....	3,491	403	594	450	414
4. Park systems, landscaping, sodding, etc. ....	8,786	10,377	11,450	10,785	12,262
5. Swimming pools, tennis courts, outdoor recreation facilities .....	3,632	6,262	7,353	9,645	10,540
6. Mine shafts and other below surface workings .....	29,397	31,821	34,497	37,383	41,125
7. Fences, snowsheds, signs, guard rails .....	19,172	24,747	24,791	19,421	20,044
8. Other engineering construction .....	23,810	43,326	37,991	27,530	38,287

<sup>1</sup> Actual 1960-62, preliminary 1963, intentions 1964.



LABOUR CONTENT AND COST OF MATERIALS USED, 1960-64<sup>1</sup>

TABLE 7. By Provinces

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
<b>Canada:</b>				
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	542,186	2,593,256	3,688,978	7,695,362
1964 .....	578,197	2,764,809	3,973,183	8,286,517
<b>Newfoundland:</b>				
1960 .....	11,817	47,882	64,053	138,508
1961 .....	13,462	55,022	77,575	169,491
1962 .....	14,462	66,792	88,646	199,786
1963 .....	13,603	63,607	84,606	190,426
1964 .....	13,583	63,134	84,264	190,079
<b>Prince Edward Island:</b>				
1960 .....	2,734	7,930	15,459	30,223
1961 .....	3,160	9,844	15,649	32,254
1962 .....	3,047	11,414	19,166	38,741
1963 .....	2,953	11,257	18,875	37,735
1964 .....	2,945	11,221	18,722	37,306
<b>Nova Scotia:</b>				
1960 .....	22,937	75,163	102,521	220,062
1961 .....	20,841	73,537	94,800	204,845
1962 .....	17,283	67,817	98,412	205,146
1963 .....	17,817	71,508	102,679	217,188
1964 .....	17,978	72,408	102,891	220,284
<b>New Brunswick:</b>				
1960 .....	16,660	54,925	72,880	156,308
1961 .....	15,003	51,688	80,039	157,243
1962 .....	13,972	52,142	77,604	155,321
1963 .....	13,798	52,787	77,112	157,795
1964 .....	15,801	60,331	88,017	183,359
<b>Quebec:</b>				
1960 .....	129,350	543,343	804,971	1,654,161
1961 .....	135,116	566,190	860,458	1,732,739
1962 .....	138,031	632,002	948,708	1,890,669
1963 .....	138,803	648,036	980,696	1,953,502
1964 .....	160,128	749,238	1,158,960	2,311,805
<b>Ontario:</b>				
1960 .....	185,694	840,649	1,103,616	2,332,900
1961 .....	172,666	801,021	1,077,333	2,294,781
1962 .....	176,792	853,319	1,176,478	2,448,295
1963 .....	181,880	895,492	1,243,519	2,584,968
1964 .....	185,408	910,488	1,272,093	2,643,570
<b>Manitoba:</b>				
1960 .....	31,101	131,066	196,577	396,598
1961 .....	29,020	128,903	177,085	369,662
1962 .....	27,098	124,109	174,007	361,112
1963 .....	30,725	144,877	204,727	430,047
1964 .....	30,489	142,941	204,155	423,639

<sup>1</sup> Actual 1960-62, preliminary 1963, intentions 1964.



TABLE 7. By Provinces - Concluded

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1960 .....	29,235	116,442	187,463	378,935
1961 .....	28,528	127,292	175,534	383,021
1962 .....	30,080	140,254	200,247	416,984
1963 .....	30,950	147,321	211,032	440,190
1964 .....	31,937	151,894	218,306	454,704
Alberta:				
1960 .....	57,070	244,218	370,242	815,793
1961 .....	60,453	270,128	386,068	876,719
1962 .....	55,669	263,049	373,472	820,209
1963 .....	55,871	272,229	381,229	853,017
1964 .....	55,757	272,168	382,301	852,892
British Columbia:				
1960 .....	54,593	275,273	333,840	762,767
1961 .....	52,605	265,604	328,972	753,624
1962 .....	52,487	264,772	350,998	759,776
1963 .....	55,786	286,142	384,503	830,494
1964 .....	64,171	330,986	443,474	968,879

TABLE 8. By Contractors and Others

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Total:				
1960 .....	541,191	2,336,891	3,251,622	6,886,255
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	542,186	2,593,256	3,688,978	7,695,362
1964 .....	578,197	2,764,809	3,973,183	8,286,517
Contractors:				
1960 .....	359,711	1,611,273	2,503,376	5,182,772
1961 .....	358,112	1,655,512	2,552,390	5,347,557
1962 .....	381,526	1,803,234	2,809,407	5,709,666
1963 .....	401,479	1,939,273	3,010,085	6,158,122
1964 .....	437,707	2,111,646	3,292,305	6,748,540
Utilities:				
1960 .....	66,235	311,988	379,532	749,932
1961 .....	65,149	319,510	365,810	748,290
1962 .....	64,981	327,132	377,500	763,298
1963 .....	62,966	322,798	371,943	752,318
1964 .....	62,702	321,783	371,416	750,645
Governments:				
1960 .....	74,509	244,938	171,041	528,031
1961 .....	71,833	220,089	173,029	497,272
1962 .....	53,434	216,760	161,775	492,320
1963 .....	50,325	208,007	152,582	465,321
1964 .....	49,765	206,155	151,454	461,246
Others:				
1960 .....	40,736	168,692	197,673	425,520
1961 .....	35,760	154,118	182,284	381,260
1962 .....	28,980	128,544	159,056	330,755
1963 .....	27,416	123,178	154,368	319,601
1964 .....	28,023	125,225	158,008	326,086

VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1962-64<sup>1</sup>

TABLE 9. By Type of Structure, New and Repair

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>5,787,039</b>	<b>1,509,000</b>	<b>7,296,039</b>	<b>6,149,684</b>	<b>1,545,678</b>	<b>7,695,362</b>	<b>6,662,733</b>	<b>1,623,784</b>	<b>8,286,517</b>
<b>Total building construction .....</b>	<b>3,616,087</b>	<b>926,848</b>	<b>4,542,935</b>	<b>3,750,900</b>	<b>948,846</b>	<b>4,699,746</b>	<b>3,972,734</b>	<b>992,346</b>	<b>4,965,080</b>
<b>Residential .....</b>	<b>1,587,000</b>	<b>513,000</b>	<b>2,100,000</b>	<b>1,713,400</b>	<b>544,000</b>	<b>2,257,400</b>	<b>1,908,000</b>	<b>577,000</b>	<b>2,485,000</b>
<b>Industrial .....</b>	<b>363,994</b>	<b>127,601</b>	<b>491,595</b>	<b>378,400</b>	<b>128,304</b>	<b>506,704</b>	<b>432,756</b>	<b>132,485</b>	<b>565,241</b>
2. Factories, plants, workshops, food canneries .....	271,622	101,206	372,828	288,045	97,702	385,747	324,208	100,810	425,018
3. Mine and mine mill buildings .....	73,931	9,252	83,183	71,137	12,371	83,508	92,099	11,036	103,135
4. Railway stations, offices, roadway buildings .....	11,995	11,839	23,834	12,764	11,797	24,561	9,021	13,381	22,402
5. Railway shops, engine houses, water and fuel stations .....	6,446	5,304	11,750	6,454	6,434	12,888	7,428	7,258	14,686
<b>Commercial .....</b>	<b>603,041</b>	<b>116,459</b>	<b>719,500</b>	<b>604,188</b>	<b>111,646</b>	<b>715,834</b>	<b>638,314</b>	<b>112,541</b>	<b>750,855</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	47,944	14,595	62,539	55,381	14,107	69,488	53,534	14,048	67,582
7. Grain elevators .....	23,996	5,299	29,295	18,134	6,313	24,447	9,665	6,131	15,796
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	36,250	11,230	47,480	49,383	10,330	59,713	65,690	10,005	75,695
9. Office buildings .....	281,855	42,078	323,933	252,147	40,373	292,520	277,287	41,291	318,578
10. Stores, retail and wholesale .....	138,487	25,677	164,164	148,467	22,839	171,306	155,455	23,942	179,397
11. Garages and service stations .....	26,076	10,022	36,098	28,975	10,205	39,180	39,865	10,443	50,308
12. Theatres, arenas, amusement and recreational buildings .....	46,878	6,390	53,268	49,406	6,056	55,462	35,679	5,721	41,400
13. Laundries and dry cleaning establishments .....	1,555	1,168	2,723	2,295	1,423	3,718	1,139	960	2,099
<b>Institutional .....</b>	<b>753,374</b>	<b>73,939</b>	<b>827,313</b>	<b>764,424</b>	<b>65,599</b>	<b>830,023</b>	<b>691,407</b>	<b>68,033</b>	<b>759,440</b>
14. Schools and other educational buildings ..	500,831	36,349	537,180	539,764	34,833	574,597	452,761	35,218	487,979
15. Churches and other religious buildings ....	53,860	7,350	61,210	45,360	6,750	52,110	41,253	6,324	47,577
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	169,402	20,501	189,903	150,791	20,736	171,527	167,372	22,973	190,345
17. Other institutional buildings .....	29,281	9,739	39,020	28,509	3,280	31,789	30,021	3,518	33,539
<b>Other building construction .....</b>	<b>308,678</b>	<b>95,849</b>	<b>404,527</b>	<b>290,488</b>	<b>99,297</b>	<b>389,785</b>	<b>302,257</b>	<b>102,287</b>	<b>404,544</b>
18. Farm buildings (excluding dwellings) .....	168,808	64,114	232,922	171,229	64,998	236,227	180,329	68,124	248,453
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	61,670	2,835	64,505	58,641	3,383	62,024	52,559	3,204	55,763
20. Aeroplane hangars .....	4,292	2,657	6,949	2,253	2,988	5,241	2,835	2,880	5,715
21. Passenger terminals, bus, boat or air .....	28,858	1,387	30,245	18,307	1,208	19,515	15,527	1,149	16,676
22. Armouries, barracks, drill halls, etc. ....	10,690	16,506	27,196	8,994	17,638	26,632	9,085	17,787	26,872
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	15,240	4,048	19,288	10,163	3,722	13,885	11,067	3,349	14,416
24. Other building construction .....	19,120	4,302	23,422	20,901	5,360	26,261	30,855	5,794	36,649
<b>Total engineering construction .....</b>	<b>2,170,952</b>	<b>582,152</b>	<b>2,753,104</b>	<b>2,398,784</b>	<b>596,832</b>	<b>2,995,616</b>	<b>2,689,999</b>	<b>631,438</b>	<b>3,321,437</b>
<b>Marine construction .....</b>	<b>69,019</b>	<b>15,977</b>	<b>84,996</b>	<b>46,153</b>	<b>14,693</b>	<b>60,846</b>	<b>62,051</b>	<b>15,283</b>	<b>77,334</b>
25. Docks, wharves, piers, breakwaters .....	50,205	7,626	57,831	31,822	8,208	40,030	34,611	8,341	42,952
26. Retaining walls, embankments, riprapping ..	1,847	855	2,702	7,243	416	7,659	11,410	204	11,614
27. Canals and waterways .....	7,899	1,612	9,511	2,145	937	3,082	10,325	1,850	12,175
28. Dredging and pile driving .....	6,752	4,440	11,192	2,560	4,234	6,794	3,442	3,900	7,342
29. Dyke construction .....	449	267	716	389	182	571	381	256	637
30. Logging booms .....	396	564	960	326	415	741	253	432	685
31. Other marine construction .....	1,471	613	2,084	1,668	301	1,969	1,629	300	1,929

<sup>1</sup> Actual 1962, preliminary 1963, intentions 1964.



TABLE 9. By Type of Structure, New and Repair — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>603,326</b>	<b>199,385</b>	<b>802,711</b>	<b>663,069</b>	<b>215,090</b>	<b>878,159</b>	<b>805,577</b>	<b>219,335</b>	<b>1,024,912</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	406,724	106,058	512,782	477,470	138,315	615,785	618,158	144,145	762,303
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	110,936	54,353	165,289	101,876	57,516	159,392	102,961	56,884	159,845
34. Dirt, clay or other streets, roads, parking lots, etc. ....	24,900	18,885	43,785	18,019	9,184	27,203	19,050	8,638	27,688
35. Grading, scraping, oiling, filling .....	18,412	11,924	30,336	26,470	3,747	30,217	25,872	3,193	29,065
36. Sidewalks, paths .....	19,792	7,066	26,858	20,461	5,187	25,648	20,341	5,318	25,659
37. Aerodromes, landing fields, runways, tarmac .....	22,562	1,099	23,661	18,773	1,141	19,914	19,195	1,157	20,352
<b>Waterworks and sewage systems .....</b>	<b>186,817</b>	<b>40,798</b>	<b>227,615</b>	<b>194,924</b>	<b>36,223</b>	<b>231,147</b>	<b>230,828</b>	<b>40,684</b>	<b>271,512</b>
38. Tile drains, drainage ditches, storm sewers .....	3,094	2,340	5,434	9,261	1,483	10,744	10,527	1,434	11,961
39. Water mains, hydrants and services .....	66,490	20,637	87,127	50,609	19,337	69,946	74,230	21,242	95,472
40. Sewage systems and connections .....	109,996	12,434	122,430	121,225	13,430	134,655	124,024	13,657	137,681
41. Pumping stations, water .....	5,969	2,720	8,689	8,947	1,719	10,666	17,136	4,111	21,247
42. Water storage tanks .....	1,268	2,667	3,935	4,882	254	5,136	4,911	240	5,151
<b>Dams and irrigation .....</b>	<b>86,682</b>	<b>6,635</b>	<b>93,317</b>	<b>166,765</b>	<b>6,923</b>	<b>173,688</b>	<b>176,353</b>	<b>6,968</b>	<b>183,321</b>
43. Dams and reservoirs .....	70,027	2,520	72,547	148,461	2,698	151,159	155,994	2,514	158,508
44. Irrigation and land reclamation projects .....	16,655	4,115	20,770	18,304	4,225	22,529	20,359	4,454	24,813
<b>Electric power construction .....</b>	<b>395,550</b>	<b>58,788</b>	<b>454,338</b>	<b>380,449</b>	<b>63,431</b>	<b>443,880</b>	<b>410,099</b>	<b>68,933</b>	<b>479,032</b>
45. Electric power generating plants, including water conveying and controlling structures .....	201,971	15,601	217,572	130,695	13,150	143,845	113,435	14,022	127,457
46. Electric transformer stations .....	25,657	6,462	32,119	48,647	7,574	56,221	54,260	8,169	62,429
47. Power transmission and distribution lines, trolley wires .....	154,900	30,663	185,563	189,005	36,799	225,804	229,513	40,701	270,214
48. Street lighting .....	13,022	6,062	19,084	12,102	5,908	18,010	12,891	6,041	18,932
<b>Railway, telephone and telegraph .....</b>	<b>222,866</b>	<b>150,023</b>	<b>372,889</b>	<b>246,128</b>	<b>151,101</b>	<b>397,229</b>	<b>226,998</b>	<b>168,512</b>	<b>395,510</b>
49. Railway tracks and roadbed .....	107,295	103,957	211,252	115,307	106,047	221,354	98,398	119,426	217,824
50. Signals and interlockers .....	6,535	7,408	13,943	8,914	7,252	16,166	8,266	8,313	16,579
51. Telegraph and telephone lines, underground and marine cables .....	109,036	38,658	147,694	121,907	37,802	159,709	120,334	40,773	161,107
<b>Gas and oil facilities .....</b>	<b>362,827</b>	<b>53,269</b>	<b>416,096</b>	<b>439,404</b>	<b>55,650</b>	<b>495,054</b>	<b>434,524</b>	<b>54,552</b>	<b>489,076</b>
52. Gas mains and services .....	61,856	6,024	67,880	59,048	4,653	63,701	50,365	4,820	55,185
53. Pumping stations, oil .....	1,971	1,083	3,054	3,668	1,392	5,060	1,445	1,340	2,785
54. Pumping stations, gas .....	25,163	260	25,423	27,222	379	27,601	25,711	392	26,103
55. Oil storage tanks .....	13,279	3,116	16,395	11,241	2,689	13,930	8,377	2,702	11,079
56. Gas storage tanks .....	929	38	967	2,641	46	2,687	926	43	969
57. Oil pipe lines .....	14,348	2,582	16,930	19,580	2,056	21,636	12,537	2,018	14,555
58. Gas pipe lines .....	22,750	1,028	23,778	54,851	968	55,819	90,105	1,006	91,111
59. Oil wells .....	129,340	8,727	138,067	163,476	10,897	174,373	165,235	10,807	176,042
60. Gas wells .....	24,649	608	25,257	26,710	717	27,427	29,462	790	30,252
61. Oil refinery — Processing units .....	50,530	26,876	77,406	33,891	29,215	63,106	17,196	28,227	45,423
62. Natural gas cleaning plants .....	18,012	2,927	20,939	37,076	2,638	39,714	33,165	2,407	35,572
<b>Other engineering construction .....</b>	<b>243,865</b>	<b>57,277</b>	<b>301,142</b>	<b>261,892</b>	<b>53,721</b>	<b>315,613</b>	<b>343,569</b>	<b>57,171</b>	<b>400,740</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	141,082	25,804	166,886	150,277	29,571	179,848	170,387	31,854	202,241
64. Tunnels and subways .....	17,426	154	17,580	29,846	705	30,551	74,332	1,495	75,827
65. Incinerators .....	158	436	594	143	307	450	105	309	414
66. Park systems, landscaping, sodding, etc. ....	6,717	4,733	11,450	6,754	4,031	10,785	8,159	4,103	12,262
67. Swimming pools, tennis courts, outdoor recreation facilities ..	5,339	2,014	7,353	7,370	2,275	9,645	8,108	2,432	10,540
68. Mine shafts and other below surface workings .....	31,736	2,761	34,497	35,276	2,107	37,383	38,481	2,644	41,125
69. Fences, snowsheds, signs, guard rails .....	15,392	9,399	24,791	13,021	6,400	19,421	13,079	6,965	20,044
70. Other engineering construction .....	26,015	11,976	37,991	19,205	8,325	27,530	30,918	7,369	38,287



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR, 1962-64<sup>1</sup>

Table 10. Primary Industries<sup>2</sup>

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>567,286</b>	<b>121,928</b>	<b>689,214</b>	<b>595,789</b>	<b>128,603</b>	<b>724,392</b>	<b>630,769</b>	<b>131,951</b>	<b>762,72</b>
<b>Total building construction .....</b>	<b>272,967</b>	<b>81,661</b>	<b>354,628</b>	<b>267,997</b>	<b>86,097</b>	<b>354,094</b>	<b>299,705</b>	<b>89,213</b>	<b>388,91</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>84,225</b>	<b>11,592</b>	<b>95,817</b>	<b>78,503</b>	<b>14,517</b>	<b>93,020</b>	<b>100,302</b>	<b>13,904</b>	<b>114,20</b>
2. Factories, plants, workshops, food canneries .....	8,153	2,360	10,513	7,009	1,962	8,971	8,139	2,809	10,94
3. Mine and mine mill buildings .....	73,297	9,222	82,519	70,772	12,370	83,142	92,099	11,035	103,13
4. Railway stations, offices, roadway buildings .....	158	8	166	297	185	482	—	1	—
5. Railway shops, engine houses, water and fuel stations .....	2,617	2	2,619	425	—	425	64	59	12
<b>Commercial .....</b>	<b>15,395</b>	<b>3,050</b>	<b>18,445</b>	<b>15,189</b>	<b>3,181</b>	<b>18,370</b>	<b>15,680</b>	<b>3,613</b>	<b>19,29</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,248	1,005	5,253	3,843	1,059	4,902	3,556	1,307	4,86
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	375	71	446	55	66	121	10	40	5
9. Office buildings .....	9,319	1,756	11,075	10,662	1,828	12,490	9,699	1,929	11,62
10. Stores, retail and wholesale .....	13	3	16	33	8	41	20	1	2
11. Garages and service stations .....	329	155	484	297	186	483	1,254	309	1,56
12. Theatres, arenas, amusement and recreational buildings .....	1,111	57	1,168	230	33	263	1,141	26	1,16
13. Laundries and dry cleaning establishments .....	—	3	3	69	1	70	—	1	—
<b>Institutional .....</b>	<b>2,151</b>	<b>113</b>	<b>2,264</b>	<b>1,309</b>	<b>486</b>	<b>1,795</b>	<b>2,195</b>	<b>960</b>	<b>3,15</b>
14. Schools and other educational buildings .....	1,389	41	1,430	1,152	395	1,547	2,093	916	3,00
15. Churches and other religious buildings .....	26	13	39	8	16	24	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	736	59	795	149	70	219	102	36	13
17. Other institutional buildings .....	—	—	—	—	5	5	—	8	—
<b>Other building construction .....</b>	<b>171,196</b>	<b>66,906</b>	<b>238,102</b>	<b>172,996</b>	<b>67,913</b>	<b>240,909</b>	<b>181,528</b>	<b>70,736</b>	<b>252,26</b>
18. Farm buildings (excluding dwellings) .....	165,591	63,499	229,090	167,352	64,448	231,800	177,026	67,611	244,63
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	21	20	41	24	23	47	29	18	4
20. Aeroplane hangars .....	382	2	384	52	—	52	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,150	3,358	8,508	5,525	3,200	8,725	4,454	2,903	7,35
24. Other building construction .....	52	27	79	43	242	285	19	204	22
<b>Total engineering construction .....</b>	<b>294,319</b>	<b>40,267</b>	<b>334,586</b>	<b>327,792</b>	<b>42,506</b>	<b>370,298</b>	<b>331,064</b>	<b>42,738</b>	<b>373,80</b>
<b>Marine construction .....</b>	<b>9,931</b>	<b>1,463</b>	<b>11,394</b>	<b>3,655</b>	<b>1,229</b>	<b>4,884</b>	<b>2,139</b>	<b>1,025</b>	<b>3,16</b>
25. Docks, wharves, piers, breakwaters .....	9,108	697	9,805	3,217	570	3,787	1,723	431	2,15
26. Retaining walls, embankments, riprapping .....	125	1	126	1	3	4	—	4	—
27. Canals and waterways .....	164	115	279	98	109	207	130	106	23
28. Dredging and pile driving .....	170	100	270	8	99	107	—	28	2
29. Dyke construction .....	—	9	9	—	—	—	—	—	—
30. Logging booms .....	308	424	732	246	318	564	231	312	54
31. Other marine construction .....	56	117	173	85	130	215	55	144	19

See footnotes at end of table.

TABLE 10. Primary Industries<sup>2</sup> - Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>29,849</b>	<b>12,601</b>	<b>42,450</b>	<b>25,577</b>	<b>12,848</b>	<b>38,425</b>	<b>27,571</b>	<b>12,559</b>	<b>40,130</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	761	397	1,158	1,349	453	1,802	1,821	1,032	2,853
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,458	3,504	11,962	7,803	3,815	11,618	8,287	3,442	11,729
34. Dirt, clay or other streets, roads, parking lots, etc. ....	16,839	8,575	25,414	15,233	8,326	23,559	16,650	7,809	24,459
35. Grading, scraping, oiling, filling.....	3,711	103	3,814	894	124	1,018	526	117	643
36. Sidewalks, paths .....	58	—	58	298	105	403	282	136	418
37. Aerodromes, landing fields, runways, tarmac .....	22	22	44	—	25	25	5	23	28
<b>Waterworks and sewage systems .....</b>	<b>6,413</b>	<b>883</b>	<b>7,296</b>	<b>5,115</b>	<b>863</b>	<b>5,978</b>	<b>2,721</b>	<b>833</b>	<b>3,554</b>
38. Tile drains, drainage ditches, storm sewers .....	200	8	208	1,085	7	1,092	224	47	271
39. Water mains, hydrants and services.....	4,823	605	5,428	1,588	480	2,068	1,574	413	1,987
40. Sewage systems and connections .....	928	106	1,034	600	262	862	772	227	999
41. Pumping stations, water .....	315	156	471	1,008	105	1,113	114	138	252
42. Water storage tanks .....	147	8	155	834	9	843	37	8	45
<b>Dams and irrigation .....</b>	<b>10,643</b>	<b>3,769</b>	<b>14,412</b>	<b>10,493</b>	<b>3,817</b>	<b>14,310</b>	<b>10,990</b>	<b>4,006</b>	<b>14,996</b>
43. Dams and reservoirs .....	1,443	241	1,684	1,195	236	1,431	1,157	247	1,404
44. Irrigation and land reclamation projects.....	9,200	3,528	12,728	9,298	3,581	12,879	9,833	3,759	13,592
<b>Electric power construction .....</b>	<b>3,585</b>	<b>553</b>	<b>4,138</b>	<b>2,162</b>	<b>711</b>	<b>2,873</b>	<b>2,855</b>	<b>688</b>	<b>3,543</b>
45. Electric power generating plants, including water conveying and controlling structures.....	576	115	691	6	192	198	142	109	251
46. Electric transformer stations .....	1,029	55	1,084	732	87	819	35	75	110
47. Power transmission and distribution lines, trolley wires .....	1,920	338	2,258	1,365	394	1,759	2,572	417	2,989
48. Street lighting .....	60	45	105	59	38	97	106	87	193
<b>Railway, telephone and telegraph .....</b>	<b>5,361</b>	<b>1,212</b>	<b>6,573</b>	<b>2,311</b>	<b>1,381</b>	<b>3,692</b>	<b>1,408</b>	<b>871</b>	<b>2,279</b>
49. Railway tracks and roadbed .....	5,307	1,072	6,379	2,177	1,222	3,399	1,299	740	2,039
50. Signals and interlockers .....	7	5	12	5	1	6	—	1	1
51. Telegraph and telephone lines, underground and marine cables .....	47	135	182	129	158	287	109	130	239
<b>Gas and oil facilities .....</b>	<b>180,884</b>	<b>12,818</b>	<b>193,702</b>	<b>231,187</b>	<b>14,568</b>	<b>245,755</b>	<b>231,796</b>	<b>14,355</b>	<b>246,151</b>
52. Gas mains and services .....	4,450	35	4,485	711	39	750	348	41	389
53. Pumping stations, oil .....	7	—	7	70	21	91	35	16	51
54. Pumping stations, gas.....	3	1	4	15	1	16	—	4	4
55. Oil storage tanks .....	3,222	357	3,579	1,161	11	1,172	1,258	88	1,346
56. Gas storage tanks .....	42	14	56	10	—	10	20	—	20
57. Oil pipe lines .....	743	11	754	144	3	147	1,020	1	1,021
58. Gas pipe lines .....	1,821	193	2,014	1,836	267	2,103	1,404	230	1,634
59. Oil wells .....	129,340	8,727	138,067	163,476	10,897	174,373	165,235	10,807	176,042
60. Gas wells .....	23,570	575	24,145	26,640	706	27,346	29,334	778	30,112
61. Oil refinery—Processing units .....	—	—	—	113	3	116	55	3	58
62. Natural gas cleaning plants .....	17,686	2,905	20,591	37,011	2,620	39,631	33,087	2,387	35,474
<b>Other engineering construction.....</b>	<b>47,653</b>	<b>6,968</b>	<b>54,621</b>	<b>47,292</b>	<b>7,089</b>	<b>54,381</b>	<b>51,584</b>	<b>8,401</b>	<b>59,985</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	358	180	538	396	111	507	465	101	566
64. Tunnels and subways .....	—	—	—	1,130	583	1,713	1,522	1,408	2,930
65. Incinerators .....	1	—	1	—	5	5	—	1	1
66. Park systems, landscaping, sodding, etc. ....	57	27	84	86	94	180	117	108	225
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1	64	65	6	54	60	4	31	35
68. Mine shafts and other below surface workings .....	31,689	2,761	34,450	35,240	2,107	37,347	38,334	2,544	40,978
69. Fences, snowsheds, signs, guard rails .....	9,274	3,549	12,823	9,339	3,601	12,940	9,862	3,778	13,640
70. Other engineering construction .....	6,273	387	6,660	1,095	534	1,629	1,280	330	1,610

<sup>1</sup> Actual 1962, preliminary 1963, intentions 1964.<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry.



TABLE 11. Manufacturing

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>353,832</b>	<b>133,102</b>	<b>486,934</b>	<b>341,389</b>	<b>132,081</b>	<b>473,470</b>	<b>359,338</b>	<b>132,360</b>	<b>491,698</b>
<b>Total building construction .....</b>	<b>274,240</b>	<b>96,766</b>	<b>371,006</b>	<b>287,140</b>	<b>95,097</b>	<b>382,237</b>	<b>326,074</b>	<b>96,405</b>	<b>422,479</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>243,228</b>	<b>92,314</b>	<b>335,542</b>	<b>257,816</b>	<b>90,781</b>	<b>348,597</b>	<b>297,921</b>	<b>92,207</b>	<b>390,128</b>
2. Factories, plants, workshops, food canneries .....	242,423	89,956	332,379	256,131	87,918	344,049	296,116	89,511	385,627
3. Mine and mine mill buildings .....	30	30	60	11	1	12	—	1	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	775	2,328	3,103	1,674	2,862	4,536	1,805	2,695	4,500
<b>Commercial .....</b>	<b>29,960</b>	<b>3,881</b>	<b>33,841</b>	<b>26,131</b>	<b>3,850</b>	<b>29,981</b>	<b>27,174</b>	<b>3,834</b>	<b>31,008</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	15,159	1,460	16,619	11,408	1,691	13,099	13,925	1,676	15,601
7. Grain elevators .....	362	63	425	2,447	39	2,486	13	38	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	169	126	295	262	54	316	75	107	182
9. Office buildings .....	14,100	2,094	16,194	11,575	1,996	13,571	12,802	1,940	14,742
10. Stores, retail and wholesale .....	90	93	183	189	36	225	160	44	204
11. Garages and service stations .....	55	39	94	30	26	56	164	26	190
12. Theatres, arenas, amusement and recreational buildings ..	25	6	31	201	8	209	35	3	—
13. Laundries and dry cleaning establishments .....	—	—	—	19	—	19	—	—	—
<b>Institutional .....</b>	<b>234</b>	<b>17</b>	<b>251</b>	<b>213</b>	<b>44</b>	<b>257</b>	<b>118</b>	<b>23</b>	<b>141</b>
14. Schools and other educational buildings .....	115	—	115	—	—	—	80	—	80
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	119	17	136	213	44	257	38	23	61
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>818</b>	<b>554</b>	<b>1,372</b>	<b>2,980</b>	<b>422</b>	<b>3,402</b>	<b>861</b>	<b>341</b>	<b>1,202</b>
18. Farm buildings (excluding dwellings) .....	193	111	304	534	87	621	175	52	227
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	12	1	13	—	1	—
20. Aeroplane hangars .....	8	10	18	46	7	53	31	9	40
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	605	433	1,038	388	306	694	255	272	527
24. Other building construction .....	12	—	12	2,000	21	2,021	400	7	407
<b>Total engineering construction .....</b>	<b>79,592</b>	<b>36,336</b>	<b>115,928</b>	<b>54,249</b>	<b>36,984</b>	<b>91,233</b>	<b>33,264</b>	<b>35,955</b>	<b>69,219</b>
<b>Marine construction .....</b>	<b>3,803</b>	<b>1,355</b>	<b>5,158</b>	<b>2,217</b>	<b>1,534</b>	<b>3,751</b>	<b>1,741</b>	<b>1,409</b>	<b>3,150</b>
25. Docks, wharves, piers, breakwaters .....	3,383	807	4,190	1,758	953	2,711	1,497	969	2,466
26. Retaining walls, embankments, riprapping .....	20	111	131	20	260	280	135	2	137
27. Canals and waterways .....	—	5	5	—	4	4	—	5	—
28. Dredging and pile driving .....	217	297	514	72	200	272	17	236	253
29. Dyke construction .....	2	1	3	—	—	—	—	73	75
30. Logging booms .....	77	121	198	70	87	157	17	109	126
31. Other marine construction .....	104	13	117	297	30	327	75	15	90



TABLE 11. Manufacturing - Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>3,979</b>	<b>1,611</b>	<b>5,590</b>	<b>2,927</b>	<b>1,331</b>	<b>4,258</b>	<b>2,595</b>	<b>1,153</b>	<b>3,748</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	2,201	734	2,935	2,065	690	2,755	1,149	649	1,798
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	418	420	838	386	272	658	937	235	1,172
34. Dirt, clay or other streets, roads, parking lots, etc. ....	488	375	863	247	259	506	208	226	434
35. Grading, scraping, oiling, filling.....	783	63	846	224	96	320	254	27	281
36. Sidewalks, paths .....	47	17	64	5	14	19	29	16	45
37. Aerodromes, landing fields, runways, tarmac .....	42	2	44	—	—	—	18	—	18
<b>Waterworks and sewage systems .....</b>	<b>6,022</b>	<b>1,153</b>	<b>7,175</b>	<b>2,986</b>	<b>1,034</b>	<b>4,020</b>	<b>3,830</b>	<b>1,064</b>	<b>4,894</b>
38. Tile drains, drainage ditches, storm sewers .....	440	52	492	497	85	582	394	38	432
39. Water mains, hydrants and services .....	3,616	529	4,145	793	482	1,275	848	467	1,315
40. Sewage systems and connections .....	996	192	1,188	732	188	920	1,415	233	1,648
41. Pumping stations, water .....	829	308	1,137	923	202	1,125	1,149	231	1,380
42. Water storage tanks .....	141	72	213	41	77	118	24	95	119
<b>Dams and irrigation .....</b>	<b>617</b>	<b>230</b>	<b>847</b>	<b>225</b>	<b>210</b>	<b>435</b>	<b>191</b>	<b>72</b>	<b>263</b>
43. Dams and reservoirs .....	537	230	767	225	210	435	191	72	263
44. Irrigation and land reclamation projects.....	80	—	80	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>6,624</b>	<b>1,130</b>	<b>7,754</b>	<b>5,370</b>	<b>1,053</b>	<b>6,423</b>	<b>4,161</b>	<b>1,255</b>	<b>5,416</b>
45. Electric power generating plants, including water conveying and controlling structures.....	1,518	452	1,970	1,469	483	1,952	815	587	1,402
46. Electric transformer stations .....	1,432	459	1,891	2,234	235	2,469	2,359	305	2,664
47. Power transmission and distribution lines, trolley wires .....	3,576	203	3,779	1,630	325	1,955	940	354	1,294
48. Street lighting.....	98	16	114	37	10	47	47	9	56
<b>Railway, telephone and telegraph .....</b>	<b>974</b>	<b>718</b>	<b>1,692</b>	<b>525</b>	<b>575</b>	<b>1,100</b>	<b>911</b>	<b>601</b>	<b>1,512</b>
49. Railway tracks and roadbed .....	970	670	1,640	500	545	1,045	911	562	1,473
50. Signals and interlockers .....	—	—	—	10	—	10	—	7	7
51. Telegraph and telephone lines, underground and marine cables .....	4	48	52	15	30	45	—	32	32
<b>Gas and oil facilities .....</b>	<b>56,564</b>	<b>28,203</b>	<b>84,767</b>	<b>39,151</b>	<b>30,320</b>	<b>69,471</b>	<b>19,293</b>	<b>29,497</b>	<b>48,790</b>
52. Gas mains and services .....	23	14	37	52	15	67	—	11	11
53. Pumping stations, oil .....	1	18	19	15	—	15	—	2	2
54. Pumping stations, gas.....	—	1	1	—	—	—	—	—	—
55. Oil storage tanks .....	4,882	1,077	5,959	3,779	949	4,728	1,847	1,102	2,949
56. Gas storage tanks .....	4	10	14	94	8	102	163	6	169
57. Oil pipe lines .....	538	163	701	1,341	109	1,450	42	128	170
58. Gas pipe lines .....	480	44	524	207	27	234	100	24	124
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	106	—	106	—	—	—	—	—	—
61. Oil refinery - Processing units .....	50,530	26,876	77,406	33,604	29,212	62,816	17,141	28,224	45,365
62. Natural gas cleaning plants .....	—	—	—	59	—	59	—	—	—
<b>Other engineering construction .....</b>	<b>1,009</b>	<b>1,936</b>	<b>2,945</b>	<b>848</b>	<b>927</b>	<b>1,775</b>	<b>542</b>	<b>904</b>	<b>1,446</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	238	179	417	350	349	699	213	264	477
64. Tunnels and subways .....	19	1	20	—	—	—	—	1	1
65. Incinerators.....	30	—	30	66	4	70	24	4	28
66. Park systems, landscaping, sodding, etc. ....	57	250	307	68	141	209	81	150	231
67. Swimming pools, tennis courts, outdoor recreation facilities ....	41	30	71	7	29	36	1	7	8
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	239	75	314	178	80	258	108	96	204
70. Other engineering construction .....	385	1,401	1,786	179	324	503	115	382	497

TABLE 12. Utilities

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>981,711</b>	<b>281,098</b>	<b>1,262,809</b>	<b>1,140,975</b>	<b>280,709</b>	<b>1,421,684</b>	<b>1,267,440</b>	<b>312,360</b>	<b>1,579,800</b>
<b>Total building construction .....</b>	<b>103,342</b>	<b>30,331</b>	<b>133,673</b>	<b>97,373</b>	<b>31,706</b>	<b>129,079</b>	<b>81,976</b>	<b>34,708</b>	<b>116,684</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>18,008</b>	<b>16,888</b>	<b>34,896</b>	<b>19,738</b>	<b>16,090</b>	<b>35,828</b>	<b>16,592</b>	<b>19,470</b>	<b>36,062</b>
2. Factories, plants, workshops, food canneries .....	2,513	2,083	4,596	2,562	906	3,468	2,012	1,586	3,598
3. Mine and mine mill buildings .....	604	-	604	354	-	354	-	-	-
4. Railway stations, offices, roadway buildings .....	11,837	11,831	23,668	12,467	11,612	24,079	9,021	13,380	22,401
5. Railway shops, engine houses, water and fuel stations .....	3,054	2,974	6,028	4,355	3,572	7,927	5,559	4,504	10,063
<b>Commercial .....</b>	<b>52,063</b>	<b>10,216</b>	<b>62,279</b>	<b>44,179</b>	<b>12,010</b>	<b>56,189</b>	<b>37,622</b>	<b>12,029</b>	<b>49,651</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,100	2,774	8,874	13,014	2,457	15,471	8,451	2,514	10,965
7. Grain elevators .....	23,634	5,236	28,870	15,687	6,274	21,961	9,652	6,093	15,745
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3	-	3	7	12	19	11	13	24
9. Office buildings .....	18,232	783	19,015	10,006	2,083	12,089	11,080	2,232	13,312
10. Stores, retail and wholesale .....	963	544	1,507	1,583	-	1,583	60	-	60
11. Garages and service stations .....	3,123	873	3,996	3,880	1,177	5,057	8,311	1,173	9,484
12. Theatres, arenas, amusement and recreational buildings .....	8	6	14	2	7	9	57	4	61
13. Laundries and dry cleaning establishments .....	-	-	-	-	-	-	-	-	-
<b>Institutional .....</b>	<b>-</b>	<b>6</b>	<b>6</b>	<b>-</b>	<b>8</b>	<b>8</b>	<b>-</b>	<b>6</b>	<b>6</b>
14. Schools and other educational buildings .....	-	5	5	-	7	7	-	4	4
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	1	1	-	1	1	-	2	2
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>33,271</b>	<b>3,221</b>	<b>36,492</b>	<b>33,456</b>	<b>3,598</b>	<b>37,054</b>	<b>27,762</b>	<b>3,203</b>	<b>30,965</b>
18. Farm buildings (excluding dwellings) .....	-	-	-	-	-	-	-	-	-
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	30,390	1,745	32,135	32,637	2,134	34,771	26,820	1,951	28,771
20. Aeroplane hangars .....	1,407	110	1,517	72	296	368	61	160	221
21. Passenger terminals, bus, boat or air .....	136	1,200	1,336	636	993	1,629	741	933	1,674
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	512	60	572	79	52	131	56	53	109
24. Other building construction .....	826	106	932	32	123	155	84	106	190
<b>Total engineering construction .....</b>	<b>878,369</b>	<b>250,767</b>	<b>1,129,136</b>	<b>1,043,602</b>	<b>249,003</b>	<b>1,292,605</b>	<b>1,185,464</b>	<b>277,652</b>	<b>1,463,116</b>
<b>Marine construction .....</b>	<b>16,458</b>	<b>4,058</b>	<b>20,516</b>	<b>6,847</b>	<b>3,577</b>	<b>10,424</b>	<b>17,238</b>	<b>4,374</b>	<b>21,612</b>
25. Docks, wharves, piers, breakwaters .....	9,887	2,100	11,987	4,548	2,713	7,261	7,015	2,905	9,920
26. Retaining walls, embankments, riprapping .....	324	20	344	754	5	759	91	48	139
27. Canals and waterways .....	1,882	1,162	3,044	748	459	1,207	9,512	936	10,448
28. Dredging and pile driving .....	4,354	639	4,993	783	381	1,164	415	466	881
29. Dyke construction .....	-	82	82	-	-	-	-	-	-
30. Logging booms .....	11	19	30	6	10	16	-	11	11
31. Other marine construction .....	-	36	36	8	9	17	205	8	213



TABLE 12. Utilities — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>10,062</b>	<b>618</b>	<b>10,680</b>	<b>27,694</b>	<b>501</b>	<b>28,195</b>	<b>37,765</b>	<b>502</b>	<b>38,267</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	6,182	234	6,416	17,440	250	17,690	29,178	255	29,433
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	639	227	866	661	152	813	593	152	745
34. Dirt, clay or other streets, roads, parking lots, etc. ....	804	55	859	138	21	159	185	26	211
35. Grading, scraping, oiling, filling .....	2,401	100	2,501	9,455	77	9,532	7,809	60	7,869
36. Sidewalks, paths .....	—	2	2	—	1	1	—	9	9
37. Aerodromes, landing fields, runways, tarmac .....	36	—	36	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>60,298</b>	<b>23,248</b>	<b>83,546</b>	<b>52,938</b>	<b>18,782</b>	<b>71,720</b>	<b>86,642</b>	<b>23,007</b>	<b>109,649</b>
38. Tile drains, drainage ditches, storm sewers .....	8	50	58	—	6	6	5	11	16
39. Water mains, hydrants and services .....	54,104	18,341	72,445	44,491	17,156	61,647	66,008	19,089	85,097
40. Sewage systems and connections .....	618	17	635	111	44	155	38	32	70
41. Pumping stations, water .....	4,646	2,253	6,899	4,335	1,408	5,743	15,741	3,738	19,479
42. Water storage tanks .....	922	2,587	3,509	4,001	168	4,169	4,850	137	4,987
<b>Dams and irrigation .....</b>	<b>44,067</b>	<b>575</b>	<b>44,642</b>	<b>125,733</b>	<b>792</b>	<b>126,525</b>	<b>130,733</b>	<b>634</b>	<b>131,367</b>
43. Dams and reservoirs .....	44,039	575	44,614	125,698	773	126,471	130,133	629	130,762
44. Irrigation and land reclamation projects .....	28	—	28	35	19	54	600	5	605
<b>Electric power construction .....</b>	<b>372,435</b>	<b>50,775</b>	<b>423,210</b>	<b>360,097</b>	<b>55,333</b>	<b>415,430</b>	<b>392,435</b>	<b>60,514</b>	<b>452,949</b>
45. Electric power generating plants, including water conveying and controlling structures .....	194,818	12,981	207,799	126,237	10,489	136,726	110,771	11,310	122,081
46. Electric transformer stations .....	23,098	5,871	28,969	43,616	7,145	50,761	51,337	7,679	59,016
47. Power transmission and distribution lines, trolley wires .....	147,889	29,413	177,302	183,473	35,315	218,788	222,875	39,145	262,020
48. Street lighting .....	6,630	2,510	9,140	6,771	2,384	9,155	7,452	2,380	9,832
<b>Railway, telephone and telegraph .....</b>	<b>214,758</b>	<b>147,853</b>	<b>362,611</b>	<b>242,313</b>	<b>148,901</b>	<b>391,214</b>	<b>223,152</b>	<b>166,788</b>	<b>389,940</b>
49. Railway tracks and roadbed .....	100,088	102,168	202,256	111,828	104,230	216,058	95,438	118,069	213,507
50. Signals and interlockers .....	6,528	7,403	13,931	8,899	7,251	16,150	8,266	8,305	16,571
51. Telegraph and telephone lines, underground and marine cables .....	108,142	38,282	146,424	121,586	37,420	159,006	119,448	40,414	159,862
<b>Gas and oil facilities .....</b>	<b>119,546</b>	<b>10,765</b>	<b>130,311</b>	<b>163,689</b>	<b>9,318</b>	<b>173,007</b>	<b>178,955</b>	<b>9,336</b>	<b>188,291</b>
52. Gas mains and services .....	57,354	5,975	63,329	58,247	4,591	62,838	50,016	4,768	54,784
53. Pumping stations, oil .....	1,963	1,057	3,020	3,583	1,371	4,954	1,405	1,322	2,727
54. Pumping stations, gas .....	25,073	212	25,285	27,201	378	27,579	25,711	388	26,099
55. Oil storage tanks .....	633	284	917	1,540	327	1,867	858	184	1,042
56. Gas storage tanks .....	159	14	173	2,537	38	2,575	743	37	780
57. Oil pipe lines .....	12,616	2,377	14,993	17,798	1,910	19,708	11,415	1,853	13,268
58. Gas pipe lines .....	20,449	791	21,240	52,707	674	53,381	88,601	752	89,353
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	973	33	1,006	70	11	81	128	12	140
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	326	22	348	6	18	24	78	20	98
<b>Other engineering construction .....</b>	<b>40,745</b>	<b>12,875</b>	<b>53,620</b>	<b>64,291</b>	<b>11,799</b>	<b>76,090</b>	<b>118,544</b>	<b>12,497</b>	<b>131,041</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	16,562	9,411	25,973	27,317	8,234	35,551	29,689	9,546	39,235
64. Tunnels and subways .....	16,799	46	16,845	28,076	56	28,132	72,076	19	72,095
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	226	79	305	139	33	172	308	16	324
67. Swimming pools, tennis courts, outdoor recreation facilities ....	8	—	8	2	—	2	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,725	2,087	3,812	1,562	1,649	3,211	1,134	1,940	3,074
70. Other engineering construction .....	5,425	1,252	6,677	7,195	1,827	9,022	15,337	976	16,313



TABLE 13. Trade Finance and Commercial Services

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Total value of construction .....	438, 112	68, 869	506, 981	444, 527	66, 524	511, 051	489, 958	66, 366	556, 324
Total building construction .....	425, 220	66, 566	491, 786	432, 548	64, 310	496, 858	466, 522	63, 914	530, 436
Residential .....	—	—	—	—	—	—	—	—	—
Industrial .....	4, 753	225	4, 978	11, 261	452	11, 713	6, 547	386	6, 933
2. Factories, plants, workshops, food canneries .....	4, 753	225	4, 978	11, 261	452	11, 713	6, 547	386	6, 933
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
Commercial .....	419, 917	66, 310	486, 227	420, 599	63, 852	484, 451	459, 328	63, 526	522, 854
6. Warehouses, storehouses, refrigerated storage, etc. ....	20, 304	6, 179	26, 483	23, 323	5, 064	28, 387	22, 207	4, 566	26, 773
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	33, 664	9, 672	43, 336	45, 956	8, 952	54, 908	63, 799	8, 576	72, 375
9. Office buildings .....	184, 848	15, 201	200, 049	149, 577	16, 320	165, 897	167, 550	16, 403	183, 953
10. Stores, retail and wholesale .....	137, 266	24, 861	162, 127	146, 611	22, 642	169, 253	155, 160	23, 741	178, 901
11. Garages and service stations .....	19, 199	7, 810	27, 009	23, 766	7, 941	31, 707	29, 053	8, 040	37, 093
12. Theatres, arenas, amusement and recreational buildings .....	23, 081	1, 422	24, 503	29, 385	1, 556	30, 941	20, 421	1, 245	21, 666
13. Laundries and dry cleaning establishments .....	1, 555	1, 165	2, 720	1, 981	1, 377	3, 358	1, 138	955	2, 093
Institutional .....	400	22	422	—	—	—	70	—	70
14. Schools and other educational buildings .....	200	10	210	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	12	12	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	—	—	—	—	—	—	—	—
17. Other institutional buildings .....	200	—	200	—	—	—	70	—	70
Other building construction .....	150	9	159	688	6	694	577	2	579
18. Farm buildings (excluding dwellings).....	140	1	141	685	6	691	517	2	519
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangers .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	3	—	3	—	—	—
24. Other building construction .....	10	8	18	—	—	—	60	—	60
Total engineering construction .....	12, 892	2, 303	15, 195	11, 979	2, 214	14, 193	23, 436	2, 452	25, 888
Marine construction .....	609	37	646	558	38	596	2, 225	16	2, 241
25. Docks, wharves, piers, breakwaters .....	604	37	641	516	22	538	163	16	179
26. Retaining walls, embankments, riprapping .....	5	—	5	7	—	7	812	—	812
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	31	16	47	1, 215	—	1, 215
29. Dyke construction .....	—	—	—	—	—	—	30	—	30
30. Logging booms .....	—	—	—	4	—	4	5	—	5
31. Other marine construction .....	—	—	—	—	—	—	—	—	—

TABLE 13. Trade Finance and Commercial Services - Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>4,042</b>	<b>399</b>	<b>4,441</b>	<b>3,307</b>	<b>349</b>	<b>3,656</b>	<b>7,161</b>	<b>411</b>	<b>7,572</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,319	340	3,659	2,940	297	3,237	4,856	338	5,194
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	350	41	391	99	34	133	593	58	651
34. Dirt, clay or other streets, roads, parking lots, etc. ....	12	6	18	37	3	40	6	2	8
35. Grading, scraping, oiling, filling .....	200	9	209	147	14	161	1,588	13	1,601
36. Sidewalks, paths .....	161	3	164	84	1	85	108	—	108
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	10	—	10
<b>Waterworks and sewage systems .....</b>	<b>2,146</b>	<b>11</b>	<b>2,157</b>	<b>1,955</b>	<b>14</b>	<b>1,969</b>	<b>7,263</b>	<b>16</b>	<b>7,279</b>
38. Tile drains, drainage ditches, storm sewers .....	594	4	598	658	4	662	1,944	5	1,949
39. Water mains, hydrants and services .....	1,172	2	1,174	763	1	764	3,097	—	3,097
40. Sewage systems and connections .....	336	5	341	438	8	446	2,219	10	2,229
41. Pumping stations, water .....	—	—	—	90	1	91	3	1	4
42. Water storage tanks .....	44	—	44	6	—	6	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	—	—	—	—	—	—	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	5	—	5	—	—	—
<b>Electric power construction .....</b>	<b>330</b>	<b>8</b>	<b>338</b>	<b>220</b>	<b>9</b>	<b>229</b>	<b>776</b>	<b>8</b>	<b>784</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	1	1	13	—	13	—	—	—
46. Electric transformer stations .....	—	—	—	158	3	161	84	2	86
47. Power transmission and distribution lines, trolley wires .....	145	6	151	11	5	16	633	5	638
48. Street lighting .....	185	1	186	38	1	39	59	1	60
<b>Railway, telephone and telegraph .....</b>	<b>33</b>	<b>—</b>	<b>33</b>	<b>69</b>	<b>—</b>	<b>69</b>	<b>624</b>	<b>—</b>	<b>624</b>
49. Railway tracks and roadbed .....	33	—	33	58	—	58	15	—	15
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	11	—	11	609	—	609
<b>Gas and oil facilities .....</b>	<b>5,291</b>	<b>1,422</b>	<b>6,713</b>	<b>4,862</b>	<b>1,373</b>	<b>6,235</b>	<b>3,984</b>	<b>1,299</b>	<b>5,283</b>
52. Gas mains and services .....	1	—	1	—	—	—	—	—	—
53. Pumping stations, oil .....	—	8	8	—	—	—	5	—	5
54. Pumping stations, gas .....	87	46	133	6	—	6	—	—	—
55. Oil storage tanks .....	4,066	1,360	5,426	4,317	1,362	5,679	3,952	1,287	5,239
56. Gas storage tanks .....	724	—	724	—	—	—	—	—	—
57. Oil pipe lines .....	413	8	421	265	11	276	27	12	39
58. Gas pipe lines .....	—	—	—	100	—	100	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units .....	—	—	—	174	—	174	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>441</b>	<b>426</b>	<b>867</b>	<b>1,003</b>	<b>431</b>	<b>1,434</b>	<b>1,403</b>	<b>702</b>	<b>2,105</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	21	—	21	1	3	4	1	253	254
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	1	—	1
66. Park systems, landscaping, sodding, etc. ....	154	11	165	132	3	135	671	3	674
67. Swimming pools, tennis courts, outdoor recreation facilities ....	6	407	413	221	409	630	78	424	502
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	228	8	236	235	12	247	199	18	217
70. Other engineering construction .....	32	—	32	414	4	418	453	4	457



TABLE 14. Federal Government Departments

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>264,262</b>	<b>73,251</b>	<b>337,513</b>	<b>218,328</b>	<b>77,824</b>	<b>296,152</b>	<b>213,901</b>	<b>78,917</b>	<b>292,818</b>
<b>Total building construction .....</b>	<b>141,642</b>	<b>45,826</b>	<b>187,468</b>	<b>112,125</b>	<b>48,863</b>	<b>160,988</b>	<b>112,441</b>	<b>49,372</b>	<b>161,813</b>
2. Factories, plants, workshops, food canneries.....	12,404	5,806	18,210	9,826	6,070	15,896	9,839	6,104	15,943
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,353	2,397	3,750	1,133	2,544	3,677	1,251	2,579	3,830
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,538	1,176	2,714	1,624	1,243	2,867	1,631	1,258	2,889
9. Office buildings .....	27,833	7,547	35,380	23,324	8,147	31,471	24,551	8,236	32,787
10. Stores, retail and wholesale.....	30	101	131	25	104	129	25	106	131
11. Garages and service stations.....	1,073	788	1,861	895	820	1,715	961	839	1,800
12. Theatres, arenas, amusement and recreational buildings .....	1,825	728	2,553	1,556	776	2,332	1,673	784	2,457
14. Schools and other educational buildings .....	9,814	2,379	12,193	8,366	2,495	10,861	9,301	2,548	11,849
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,538	1,947	4,485	2,231	2,106	4,337	2,740	2,125	4,865
17. Other institutional buildings .....	3,882	193	4,075	3,351	204	3,555	3,361	209	3,570
18. Farm buildings (excluding dwellings) .....	1,736	400	2,136	1,414	409	1,823	1,228	426	1,654
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	31,259	1,070	32,329	25,968	1,225	27,193	25,709	1,234	26,943
20. Aeroplane hangars .....	2,495	2,532	5,027	2,083	2,685	4,768	2,743	2,711	5,454
21. Passenger terminals, bus, boat or air .....	28,722	187	28,909	17,671	215	17,886	14,786	216	15,002
22. Armouries, barracks, drill halls, etc.....	10,690	16,488	27,178	8,983	17,638	26,621	9,085	17,787	26,872
24. Other building construction .....	4,450	2,087	6,537	3,675	2,182	5,857	3,557	2,210	5,767
<b>Total engineering construction .....</b>	<b>122,620</b>	<b>27,425</b>	<b>150,045</b>	<b>106,203</b>	<b>28,961</b>	<b>135,164</b>	<b>101,460</b>	<b>29,545</b>	<b>131,005</b>
25. Docks, wharves, piers, breakwaters.....	25,814	3,236	29,050	21,368	3,445	24,813	23,701	3,499	27,200
26. Retaining walls, embankments, riprapping .....	681	120	801	586	127	713	688	129	817
27. Canals and waterways .....	811	330	1,141	671	365	1,036	683	803	1,486
28. Dredging and pile driving.....	2,007	3,380	5,387	1,661	3,538	5,199	1,790	3,170	4,960
29. Dyke construction.....	447	175	622	389	182	571	351	183	534
31. Other marine construction .....	1,270	100	1,370	1,036	107	1,143	1,116	109	1,225
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	6,533	2,064	8,597	5,578	2,198	7,776	6,711	2,230	8,941
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	12,449	2,580	15,029	11,239	2,681	13,920	10,737	2,743	13,480
34. Dirt, clay or other streets, roads, parking lots, etc. ....	786	223	1,009	663	234	897	709	236	945
35. Grading, scraping, oiling, filling .....	52	381	433	40	393	433	47	406	453
37. Aerodromes, landing fields, runways, tarmac .....	22,410	1,004	23,414	18,717	1,076	19,793	19,006	1,086	20,092
38. Tile drains, drainage ditches, storm sewers.....	213	627	840	202	656	858	168	669	837
39. Water mains, hydrants and services .....	2,418	1,101	3,519	2,113	1,178	3,291	2,094	1,194	3,288
40. Sewage systems and connections .....	1,262	513	1,775	1,035	548	1,583	843	556	1,399
43. Dams and reservoirs .....	23,687	1,417	25,104	19,239	1,412	20,651	16,005	1,503	17,508
44. Irrigation and land reclamation projects .....	624	512	1,136	571	514	1,085	531	539	1,070
45. Electric power generating plants, including water conveying and controlling structures .....	4,698	1,821	6,519	2,573	1,973	4,546	1,138	2,003	3,141
46. Electric transformer stations.....	24	77	101	1,873	104	1,977	380	108	488
47. Power transmission and distribution lines, trolley wires .....	1,177	691	1,868	1,260	758	2,018	1,365	776	2,141
55. Oil storage tanks.....	476	38	514	407	40	447	447	41	488
57. Oil pipe lines .....	38	23	61	32	23	55	33	24	57
63. Bridges, trestles, culverts, overpasses, viaducts .....	6,226	934	7,160	5,186	984	6,170	5,493	1,002	6,495
66. Park systems, landscaping, sodding, etc.....	1,866	1,990	3,856	1,596	2,110	3,706	1,675	2,144	3,819
67. Swimming pools, tennis courts, outdoor recreation facilities....	899	357	1,256	780	374	1,154	651	382	1,033
69. Fences, snowsheds, signs, guard rails .....	676	846	1,522	583	882	1,465	545	905	1,450
70. Other engineering construction .....	5,076	2,885	7,961	6,805	3,059	9,864	4,553	3,105	7,658



TABLE 15. Provincial Government Departments

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Total value of construction .....</b>	<b>478, 561</b>	<b>146, 183</b>	<b>624, 744</b>	<b>542, 087</b>	<b>155, 747</b>	<b>697, 834</b>	<b>689, 193</b>	<b>161, 910</b>	<b>851, 103</b>
<b>Total building construction .....</b>	<b>27, 721</b>	<b>23, 155</b>	<b>50, 876</b>	<b>33, 606</b>	<b>11, 567</b>	<b>45, 173</b>	<b>45, 958</b>	<b>12, 471</b>	<b>58, 429</b>
2. Factories, plants, workshops, food canneries .....	866	474	1, 340	305	5	310	100	5	105
6. Warehouses, storehouses, refrigerated storage, etc. ....	625	670	1, 295	2, 478	1, 196	3, 674	3, 940	1, 309	5, 249
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	39	176	215	—	—	—	—	—	—
9. Office buildings .....	10, 080	12, 771	22, 851	16, 736	7, 925	24, 661	21, 486	8, 373	29, 859
11. Garages and service stations .....	2, 204	296	2, 500	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	249	466	715	81	7	88	168	3	171
17. Other institutional buildings .....	10, 259	7, 409	17, 668	8, 861	1, 186	10, 047	12, 779	1, 425	14, 204
24. Other building construction .....	3, 399	893	4, 292	5, 145	1, 248	6, 393	7, 485	1, 356	8, 841
<b>Total engineering construction .....</b>	<b>450, 840</b>	<b>123, 028</b>	<b>573, 868</b>	<b>508, 481</b>	<b>144, 180</b>	<b>652, 661</b>	<b>643, 235</b>	<b>149, 439</b>	<b>792, 674</b>
25. Docks, wharves, piers, breakwaters .....	1, 138	214	1, 352	104	19	123	155	25	180
28. Dredging and pile driving .....	—	24	24	—	—	—	—	—	—
31. Other marine construction .....	5, 578	949	6, 527	6, 519	45	6, 564	9, 603	44	9, 647
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	247, 252	31, 676	278, 928	303, 512	71, 970	375, 482	409, 173	76, 764	485, 937
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	86, 614	46, 700	133, 314	79, 533	49, 761	129, 294	79, 235	49, 419	128, 654
34. Dirt, clay or other streets, roads, parking lots, etc. ....	5, 829	9, 627	15, 456	1, 547	319	1, 866	1, 132	317	1, 449
35. Grading, scraping, oiling, filling .....	10, 970	11, 112	22, 082	15, 534	2, 904	18, 438	15, 456	2, 429	17, 885
38. Tile drains, drainage ditches, storm sewers .....	930	1, 404	2, 334	5, 859	560	6, 419	6, 834	496	7, 330
39. Water mains, hydrants and services .....	258	49	307	398	38	436	539	65	604
43. Dams and reservoirs .....	137	17	154	1, 893	31	1, 924	8, 266	26	8, 292
44. Irrigation and land reclamation projects .....	6, 723	—	6, 723	8, 395	43	8, 438	9, 395	82	9, 477
47. Power transmission and distribution lines, trolley wires .....	122	2	124	1, 096	2	1, 098	1, 085	4	1, 089
51. Telegraph and telephone lines, underground and marine cables	662	19	681	—	8	8	2	10	12
63. Bridges, trestles, culverts, overpasses, viaducts .....	76, 390	12, 046	88, 436	79, 371	16, 865	96, 236	97, 595	17, 832	115, 427
66. Park systems, landscaping, sodding, etc. ....	1, 162	1, 458	2, 620	1, 094	779	1, 873	1, 153	831	1, 984
67. Swimming pools, tennis courts, outdoor recreation facilities ....	358	397	755	2, 094	723	2, 817	1, 989	906	2, 895
69. Fences, snowsheds, signs, guard rails .....	2, 499	2, 698	5, 197	265	38	303	248	101	349
70. Other engineering construction .....	4, 218	4, 636	8, 854	1, 267	75	1, 342	1, 375	88	1, 463

**TABLE 16. Municipal Government Departments**

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>386,873</b>	<b>110,643</b>	<b>497,516</b>	<b>409,451</b>	<b>101,824</b>	<b>511,275</b>	<b>439,663</b>	<b>102,928</b>	<b>542,591</b>
<b>Total building construction .....</b>	<b>57,041</b>	<b>8,870</b>	<b>65,911</b>	<b>65,929</b>	<b>9,063</b>	<b>74,992</b>	<b>70,615</b>	<b>9,438</b>	<b>80,053</b>
9. Office buildings .....	17,173	1,926	19,099	30,267	2,074	32,341	30,069	2,178	32,247
12. Theatres, arenas, amusement and recreational buildings .....	19,607	3,685	23,292	16,389	3,641	20,030	11,542	3,637	15,179
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,888	308	6,196	5,650	337	5,987	5,749	301	6,050
24. Other building construction .....	14,373	2,951	17,324	13,623	3,011	16,634	23,255	3,322	26,577
<b>Total engineering construction .....</b>	<b>329,832</b>	<b>101,773</b>	<b>431,605</b>	<b>343,522</b>	<b>92,761</b>	<b>436,283</b>	<b>369,048</b>	<b>93,490</b>	<b>462,538</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	139,987	70,591	210,578	144,050	62,430	206,480	164,754	62,862	227,616
36. Sidewalks, paths .....	19,030	5,056	24,086	19,918	4,644	24,562	19,836	4,730	24,566
40. Sewage systems and connections .....	105,465	11,595	117,060	117,909	12,366	130,275	118,274	12,579	130,853
48. Street lighting .....	5,369	2,983	8,352	5,083	3,196	8,279	5,074	3,285	8,359
63. Bridges, trestles, culverts, overpasses, viaducts .....	41,287	3,054	44,341	37,656	3,025	40,681	36,931	2,856	39,787
70. Other engineering construction .....	18,694	8,494	27,188	18,906	7,100	26,006	24,179	7,178	31,357

**TABLE 17. Housing and Institutional Services**

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>1,587,000</b>	<b>513,000</b>	<b>2,100,000</b>	<b>1,713,400</b>	<b>544,000</b>	<b>2,257,400</b>	<b>1,908,000</b>	<b>577,000</b>	<b>2,485,000</b>
<b>Institutional:</b>									
<b>Total value of work .....</b>	<b>729,402</b>	<b>60,926</b>	<b>790,328</b>	<b>743,738</b>	<b>58,366</b>	<b>802,104</b>	<b>664,471</b>	<b>59,992</b>	<b>724,463</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	376	7	383	1,380	1	1,381	51	9	60
9. Office buildings .....	270	—	270	—	—	—	50	—	50
12. Theatres, arenas, amusement and recreational buildings .....	972	20	992	1,562	28	1,590	642	19	661
14. Schools and other educational buildings .....	488,457	33,847	522,304	529,667	31,915	561,582	440,624	31,729	472,353
15. Churches and other religious buildings .....	53,764	7,316	61,080	45,292	6,725	52,017	41,171	6,315	47,486
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	160,107	18,169	178,276	142,548	18,178	160,726	158,743	20,486	179,229
17. Other institutional buildings .....	14,396	1,196	15,592	15,673	1,031	16,704	13,096	1,006	14,102
18. Farm buildings (excluding dwellings) .....	12	35	47	44	48	92	5	33	38
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8,402	75	8,477	4,020	55	4,075	6,275	92	6,367
24. Other building construction .....	158	8	166	596	162	758	786	136	922
<b>Total engineering construction .....</b>	<b>2,488</b>	<b>253</b>	<b>2,741</b>	<b>2,956</b>	<b>223</b>	<b>3,179</b>	<b>3,028</b>	<b>167</b>	<b>3,195</b>



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - PROVINCES 1962-64

TABLE 18. Newfoundland

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>176,857</b>	<b>22,929</b>	<b>199,786</b>	<b>161,227</b>	<b>29,199</b>	<b>190,426</b>	<b>157,239</b>	<b>32,840</b>	<b>190,079</b>
<b>Total building construction .....</b>	<b>109,988</b>	<b>12,668</b>	<b>122,656</b>	<b>99,068</b>	<b>14,120</b>	<b>113,188</b>	<b>91,758</b>	<b>17,323</b>	<b>109,081</b>
Residential .....	21,500	7,200	28,700	31,300	7,600	38,900	34,900	10,600	45,500
Industrial .....	56,678	1,368	58,046	40,694	2,140	42,834	29,042	1,771	30,813
Commercial .....	8,128	1,877	10,005	7,577	2,145	9,722	9,491	2,274	11,765
Institutional .....	19,054	1,305	20,359	16,384	1,356	17,740	15,183	1,801	16,984
Other building construction .....	4,628	918	5,546	3,113	879	3,992	3,142	877	4,019
<b>Total engineering construction .....</b>	<b>66,869</b>	<b>10,261</b>	<b>77,130</b>	<b>62,159</b>	<b>15,079</b>	<b>77,238</b>	<b>65,481</b>	<b>15,517</b>	<b>80,998</b>
Marine construction .....	15,903	1,193	17,096	8,168	1,195	9,363	5,593	1,205	6,798
Road, highway and aerodrome construction .....	13,825	6,471	20,296	23,308	9,945	33,253	36,726	10,146	46,872
Waterworks and sewage systems .....	4,446	553	4,999	4,081	821	4,902	1,853	681	2,534
Dams and irrigation .....	134	70	204	395	69	464	61	12	73
Electric power construction .....	13,006	625	13,631	14,343	716	15,059	8,602	592	9,194
Railway, telephone and telegraph .....	6,561	981	7,542	4,769	1,283	6,052	4,337	1,022	5,359
Gas and oil facilities .....	8,008	122	8,130	759	134	893	611	163	774
Other engineering construction .....	4,986	246	5,232	6,336	916	7,252	7,698	1,696	9,394

TABLE 19. Prince Edward Island

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>30,010</b>	<b>8,731</b>	<b>38,741</b>	<b>29,344</b>	<b>8,391</b>	<b>37,735</b>	<b>29,121</b>	<b>8,185</b>	<b>37,306</b>
<b>Total building construction .....</b>	<b>17,738</b>	<b>5,500</b>	<b>23,238</b>	<b>18,827</b>	<b>5,515</b>	<b>24,342</b>	<b>19,859</b>	<b>5,276</b>	<b>25,135</b>
Residential .....	7,800	2,600	10,400	7,400	2,700	10,100	8,200	2,500	10,700
Industrial .....	175	200	375	122	228	350	343	231	574
Commercial .....	1,469	500	1,969	4,501	416	4,917	6,453	346	6,799
Institutional .....	6,388	286	6,674	5,164	263	5,427	2,574	275	2,849
Other building construction .....	1,906	1,914	3,820	1,640	1,908	3,548	2,289	1,924	4,213
<b>Total engineering construction .....</b>	<b>12,272</b>	<b>3,231</b>	<b>15,503</b>	<b>10,517</b>	<b>2,876</b>	<b>13,393</b>	<b>9,262</b>	<b>2,909</b>	<b>12,171</b>
Marine construction .....	1,566	621	2,187	1,256	628	1,884	2,074	644	2,718
Road, highway and aerodrome construction .....	6,487	1,693	8,180	4,715	1,414	6,129	4,662	1,395	6,057
Waterworks and sewage systems .....	390	129	519	358	137	495	417	138	555
Dams and irrigation .....	34	48	82	33	47	80	33	47	80
Electric power construction .....	2,352	256	2,608	2,763	255	3,018	626	276	902
Railway, telephone and telegraph .....	823	160	983	775	166	941	838	176	1,014
Gas and oil facilities .....	41	3	44	76	2	78	2	1	3
Other engineering construction .....	579	321	900	541	227	768	610	232	842



TABLE 20. Nova Scotia

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>154,457</b>	<b>50,689</b>	<b>205,146</b>	<b>161,898</b>	<b>55,290</b>	<b>217,188</b>	<b>163,102</b>	<b>57,182</b>	<b>220,284</b>
<b>Total building construction .....</b>	<b>108,896</b>	<b>29,139</b>	<b>138,035</b>	<b>106,095</b>	<b>29,633</b>	<b>135,728</b>	<b>102,131</b>	<b>29,514</b>	<b>131,645</b>
<b>Residential .....</b>	<b>44,100</b>	<b>14,400</b>	<b>58,500</b>	<b>44,300</b>	<b>15,200</b>	<b>59,500</b>	<b>49,400</b>	<b>14,900</b>	<b>64,300</b>
<b>Industrial .....</b>	<b>8,067</b>	<b>2,814</b>	<b>10,881</b>	<b>8,776</b>	<b>2,602</b>	<b>11,378</b>	<b>8,367</b>	<b>2,787</b>	<b>11,154</b>
2. Factories, plants, workshops, food canneries .....	6,333	2,381	8,714	8,108	2,034	10,142	7,690	2,108	9,798
3. Mine and mine mill buildings .....	1,325	14	1,339	112	45	157	275	37	312
4. Railway stations, offices, roadway buildings .....	314	313	627	398	369	767	289	436	725
5. Railway shops, engine houses, water and fuel stations .....	95	106	201	158	154	312	113	206	319
<b>Commercial .....</b>	<b>15,652</b>	<b>4,233</b>	<b>19,885</b>	<b>19,066</b>	<b>3,778</b>	<b>22,844</b>	<b>12,424</b>	<b>3,646</b>	<b>16,070</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,033	1,149	2,182	1,074	979	2,053	1,221	954	2,175
7. Grain elevators .....	2	72	74	7	82	89	255	79	334
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,773	280	2,053	1,516	163	1,679	454	265	719
9. Office buildings .....	3,939	1,311	5,250	5,252	1,201	6,453	4,499	1,029	5,528
10. Stores, retail and wholesale .....	6,297	836	7,133	9,909	677	10,586	4,818	687	5,505
11. Garages and service stations .....	2,254	380	2,634	960	390	1,350	801	406	1,207
12. Theatres, arenas, amusement and recreational buildings .....	354	193	547	348	273	621	375	213	588
13. Laundries and dry cleaning establishments .....	—	12	12	—	13	13	1	13	14
<b>Institutional .....</b>	<b>30,669</b>	<b>1,931</b>	<b>32,600</b>	<b>26,408</b>	<b>2,217</b>	<b>28,625</b>	<b>25,212</b>	<b>2,353</b>	<b>27,565</b>
14. Schools and other educational buildings .....	18,468	1,058	19,526	13,100	1,345	14,445	13,873	1,277	15,150
15. Churches and other religious buildings .....	2,450	345	2,795	1,135	268	1,403	1,746	297	2,043
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,586	515	7,101	9,049	601	9,650	8,079	775	8,854
17. Other institutional buildings .....	3,165	13	3,178	3,124	3	3,127	1,514	4	1,518
<b>Other building construction .....</b>	<b>10,408</b>	<b>5,761</b>	<b>16,169</b>	<b>7,545</b>	<b>5,836</b>	<b>13,381</b>	<b>6,728</b>	<b>5,828</b>	<b>12,556</b>
18. Farm buildings (excluding dwellings) .....	2,427	1,352	3,779	2,341	1,312	3,653	2,333	1,318	3,651
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,206	141	2,347	1,363	63	1,426	1,186	66	1,252
20. Aeroplane hangars .....	1,013	427	1,440	331	451	782	276	449	725
21. Passenger terminals, bus, boat or air .....	166	12	178	123	7	130	103	7	110
22. Armouries, barracks, drill halls, etc. ....	913	3,052	3,965	807	3,225	4,032	677	3,211	3,888
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	869	58	927	95	59	154	106	55	161
24. Other building construction .....	2,814	719	3,533	2,485	719	3,204	2,047	722	2,769
<b>Total engineering construction .....</b>	<b>45,561</b>	<b>21,550</b>	<b>67,111</b>	<b>55,803</b>	<b>25,657</b>	<b>81,460</b>	<b>60,971</b>	<b>27,668</b>	<b>88,639</b>
<b>Marine construction .....</b>	<b>5,114</b>	<b>1,589</b>	<b>6,703</b>	<b>4,658</b>	<b>1,736</b>	<b>6,394</b>	<b>3,859</b>	<b>1,576</b>	<b>5,435</b>
25. Docks, wharves, piers, breakwaters .....	4,576	946	5,522	4,153	1,052	5,205	3,370	896	4,266
26. Retaining walls, embankments, riprapping .....	67	18	85	59	19	78	125	17	142
27. Canals and waterways .....	—	20	20	—	22	22	—	22	22
28. Dredging and pile driving .....	155	483	638	145	510	655	115	509	624
29. Dyke construction .....	310	114	424	275	120	395	230	120	350
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	6	8	14	26	13	39	19	12	31

TABLE 20. Nova Scotia — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>19,021</b>	<b>8,705</b>	<b>27,726</b>	<b>19,332</b>	<b>11,983</b>	<b>31,315</b>	<b>24,718</b>	<b>12,546</b>	<b>37,264</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	15,893	746	16,639	15,793	9,271	25,064	21,554	9,673	31,227
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,280	7,388	8,668	1,690	2,116	3,806	2,224	2,282	4,506
34. Dirt, clay or other streets, roads, parking lots, etc. ....	554	318	872	487	328	815	561	323	884
35. Grading, scraping, oiling, filling .....	174	11	185	16	10	26	7	10	17
36. Sidewalks, paths .....	1,044	62	1,106	1,295	68	1,363	329	69	398
37. Aerodromes, landing fields, runways, tarmac .....	76	180	256	51	190	241	43	189	232
<b>Waterworks and sewage systems .....</b>	<b>4,115</b>	<b>757</b>	<b>4,872</b>	<b>4,750</b>	<b>1,274</b>	<b>6,024</b>	<b>5,678</b>	<b>888</b>	<b>6,566</b>
38. Tile drains, drainage ditches, storm sewers .....	55	30	85	284	33	317	29	33	62
39. Water mains, hydrants and services .....	1,433	465	1,898	1,846	340	2,186	2,999	360	3,359
40. Sewage systems and connections .....	2,578	231	2,809	2,618	886	3,504	2,650	485	3,135
41. Pumping stations, water.....	39	31	70	2	14	16	—	8	8
42. Water storage tanks.....	10	—	10	—	1	1	—	2	2
<b>Dams and irrigation .....</b>	<b>502</b>	<b>140</b>	<b>642</b>	<b>493</b>	<b>122</b>	<b>615</b>	<b>1,305</b>	<b>281</b>	<b>1,586</b>
43. Dams and reservoirs .....	374	65	439	369	50	419	1,181	208	1,389
44. Irrigation and land reclamation projects .....	128	75	203	124	72	196	124	73	197
<b>Electric power construction .....</b>	<b>5,618</b>	<b>1,961</b>	<b>7,579</b>	<b>5,932</b>	<b>1,694</b>	<b>7,626</b>	<b>11,410</b>	<b>2,481</b>	<b>13,891</b>
45. Electric power generating plants, including water conveying and controlling structures .....	1,069	347	1,416	1,751	187	1,938	2,034	260	2,294
46. Electric transformer stations.....	287	67	354	338	138	476	1,117	208	1,325
47. Power transmission and distribution lines, trolley wires .....	4,038	1,471	5,509	3,193	1,231	4,424	7,954	1,859	9,813
48. Street lighting .....	224	76	300	650	138	788	305	154	459
<b>Railway, telephone and telegraph .....</b>	<b>5,677</b>	<b>4,050</b>	<b>9,727</b>	<b>6,644</b>	<b>4,415</b>	<b>11,059</b>	<b>6,180</b>	<b>4,860</b>	<b>11,040</b>
49. Railway tracks and roadbed.....	2,637	2,976	5,663	3,339	3,266	6,605	2,443	3,832	6,275
50. Signals and interlockers.....	173	183	356	245	206	451	190	249	439
51. Telegraph and telephone lines, underground and marine cables	2,817	891	3,708	3,060	943	4,003	3,547	779	4,326
<b>Gas and oil facilities .....</b>	<b>1,462</b>	<b>1,850</b>	<b>3,312</b>	<b>9,176</b>	<b>1,616</b>	<b>10,792</b>	<b>1,842</b>	<b>2,069</b>	<b>3,911</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks.....	467	54	521	1,753	71	1,824	164	63	227
56. Gas storage tanks .....	43	10	53	—	7	7	—	5	5
57. Oil pipe lines.....	—	63	63	1,100	59	1,159	—	84	84
58. Gas pipe lines .....	16	17	33	—	—	—	—	—	—
59. Oil wells.....	—	—	—	125	—	125	110	—	110
60. Gas wells .....	—	—	—	125	—	125	110	—	110
61. Oil refinery — Processing units .....	936	1,706	2,642	6,073	1,479	7,552	1,458	1,917	3,375
62. Natural gas cleaning plants.....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>4,052</b>	<b>2,498</b>	<b>6,550</b>	<b>4,818</b>	<b>2,817</b>	<b>7,635</b>	<b>5,979</b>	<b>2,967</b>	<b>8,946</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,252	1,546	3,798	2,641	1,764	4,405	3,887	1,729	5,616
64. Tunnels and subways .....	—	16	16	1	17	18	1	17	18
65. Incinerators .....	2	1	3	2	1	3	6	1	7
66. Park systems, landscaping, sodding, etc. ....	217	188	405	302	219	521	291	225	516
67. Swimming pools, tennis courts, outdoor recreation facilities....	26	37	63	34	39	73	30	39	69
68. Mine shafts and other below surface workings .....	321	269	590	654	354	1,008	816	534	1,350
69. Fences, snowsheds, signs, guard rails .....	265	192	457	310	179	489	224	191	415
70. Other engineering construction .....	969	249	1,218	874	244	1,118	724	231	955



TABLE 21. New Brunswick

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>117,002</b>	<b>38,319</b>	<b>155,321</b>	<b>115,276</b>	<b>42,519</b>	<b>157,795</b>	<b>141,286</b>	<b>42,073</b>	<b>183,359</b>
<b>Total building construction .....</b>	<b>67,450</b>	<b>19,603</b>	<b>87,053</b>	<b>63,857</b>	<b>19,890</b>	<b>83,747</b>	<b>79,424</b>	<b>17,930</b>	<b>97,354</b>
<b>Residential .....</b>	<b>30,000</b>	<b>9,700</b>	<b>39,700</b>	<b>24,000</b>	<b>10,300</b>	<b>34,300</b>	<b>26,700</b>	<b>8,100</b>	<b>34,800</b>
<b>Industrial .....</b>	<b>6,740</b>	<b>2,424</b>	<b>9,164</b>	<b>10,092</b>	<b>2,327</b>	<b>12,419</b>	<b>14,156</b>	<b>2,406</b>	<b>16,562</b>
2. Factories, plants, workshops, food canneries .....	4,264	1,596	5,860	5,592	1,388	6,980	12,865	1,341	14,206
3. Mine and mine mill buildings .....	1,851	30	1,881	3,536	26	3,562	635	32	667
4. Railway stations, offices, roadway buildings .....	461	549	1,010	649	544	1,193	413	634	1,047
5. Railway shops, engine houses, water and fuel stations .....	164	249	413	315	369	684	243	399	642
<b>Commercial .....</b>	<b>9,949</b>	<b>3,367</b>	<b>13,316</b>	<b>8,895</b>	<b>3,320</b>	<b>12,215</b>	<b>14,665</b>	<b>3,312</b>	<b>17,977</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	812	635	1,447	985	462	1,447	2,577	471	3,048
7. Grain elevators .....	5	104	109	3	27	30	2	23	25
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	415	134	549	352	103	455	322	146	468
9. Office buildings .....	5,110	1,394	6,504	3,824	1,609	5,433	7,088	1,611	8,699
10. Stores, retail and wholesale .....	1,850	591	2,441	2,572	533	3,105	3,675	529	4,204
11. Garages and service stations .....	805	408	1,213	530	390	920	626	442	1,068
12. Theatres, arenas, amusement and recreational buildings .....	903	76	979	596	130	726	359	74	433
13. Laundries and dry cleaning establishments .....	49	25	74	33	66	99	16	16	32
<b>Institutional .....</b>	<b>16,320</b>	<b>1,483</b>	<b>17,803</b>	<b>15,461</b>	<b>1,353</b>	<b>16,814</b>	<b>18,291</b>	<b>1,334</b>	<b>19,625</b>
14. Schools and other educational buildings .....	10,251	305	10,556	9,509	400	9,909	14,779	426	15,205
15. Churches and other religious buildings .....	2,071	256	2,327	1,574	277	1,851	1,719	246	1,965
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,506	900	4,406	4,181	616	4,797	1,587	631	2,218
17. Other institutional buildings .....	492	22	514	197	60	257	206	31	237
<b>Other building construction .....</b>	<b>4,441</b>	<b>2,629</b>	<b>7,070</b>	<b>5,409</b>	<b>2,590</b>	<b>7,999</b>	<b>5,612</b>	<b>2,778</b>	<b>8,390</b>
18. Farm buildings (excluding dwellings) .....	2,066	1,302	3,368	2,091	1,287	3,378	2,031	1,296	3,327
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	893	139	1,032	810	149	959	1,522	152	1,674
20. Aeroplane hangars .....	246	81	327	204	82	286	216	83	299
21. Passenger terminals, bus, boat or air .....	9	4	13	7	4	11	8	4	12
22. Armouries, barracks, drill halls, etc. ....	70	618	688	58	630	688	61	637	698
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	462	305	767	1,449	252	1,701	764	385	1,149
24. Other building construction .....	695	180	875	790	186	976	1,010	221	1,231
<b>Total engineering construction .....</b>	<b>49,552</b>	<b>18,716</b>	<b>68,268</b>	<b>51,419</b>	<b>22,629</b>	<b>74,048</b>	<b>61,862</b>	<b>24,143</b>	<b>86,005</b>
<b>Marine construction .....</b>	<b>5,484</b>	<b>853</b>	<b>6,337</b>	<b>1,762</b>	<b>831</b>	<b>2,593</b>	<b>2,106</b>	<b>900</b>	<b>3,006</b>
25. Docks, wharves, piers, breakwaters .....	4,249	382	4,631	742	337	1,079	1,032	343	1,375
26. Retaining walls, embankments, riprapping .....	201	—	201	172	—	172	176	—	176
27. Canals and waterways .....	—	9	9	—	10	10	—	10	10
28. Dredging and pile driving .....	889	373	1,262	737	369	1,106	780	440	1,220
29. Dyke construction .....	130	58	188	108	59	167	114	60	174
30. Logging booms .....	11	16	27	—	41	41	—	32	32
31. Other marine construction .....	4	15	19	3	15	18	4	15	19



TABLE 21. New Brunswick — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>19,961</b>	<b>7,334</b>	<b>27,295</b>	<b>21,930</b>	<b>1,847</b>	<b>32,777</b>	<b>27,281</b>	<b>11,144</b>	<b>38,425</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	11,104	856	11,960	17,253	1,651	18,904	21,226	1,768	22,994
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	6,502	5,665	12,167	2,565	8,278	10,843	3,707	8,458	12,165
34. Dirt, clay or other streets, roads, parking lots, etc. ....	785	726	1,511	786	738	1,524	893	747	1,640
35. Grading, scraping, oiling, filling .....	—	22	22	—	22	22	30	22	52
36. Sidewalks, paths .....	138	32	170	138	124	262	168	115	283
37. Aerodromes, landing fields, runways, tarmac .....	1,432	33	1,465	1,188	34	1,222	1,257	34	1,291
<b>Waterworks and sewage systems .....</b>	<b>2,954</b>	<b>1,257</b>	<b>4,211</b>	<b>2,164</b>	<b>1,104</b>	<b>3,268</b>	<b>2,418</b>	<b>1,297</b>	<b>3,715</b>
38. Tile drains, drainage ditches, storm sewers .....	67	15	82	87	16	103	133	16	149
39. Water mains, hydrants and services .....	1,662	1,036	2,698	1,347	965	2,312	1,217	1,160	2,377
40. Sewage systems and connections .....	1,050	190	1,240	523	110	633	1,021	115	1,136
41. Pumping stations, water .....	90	15	105	203	9	212	25	6	31
42. Water storage tanks .....	85	1	86	4	4	8	22	—	22
<b>Dams and irrigation .....</b>	<b>250</b>	<b>81</b>	<b>331</b>	<b>189</b>	<b>92</b>	<b>281</b>	<b>2,506</b>	<b>84</b>	<b>2,590</b>
43. Dams and reservoirs .....	145	10	155	86	22	108	2,402	13	2,415
44. Irrigation and land reclamation projects .....	105	71	176	103	70	173	104	71	175
<b>Electric power construction .....</b>	<b>10,010</b>	<b>658</b>	<b>10,668</b>	<b>9,105</b>	<b>1,113</b>	<b>10,218</b>	<b>14,004</b>	<b>1,440</b>	<b>15,444</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,172	166	3,338	2,148	159	2,307	6,746	196	6,942
46. Electric transformer stations .....	636	18	654	383	123	506	1,111	133	1,244
47. Power transmission and distribution lines, trolley wires .....	6,092	419	6,511	6,316	791	7,107	5,885	1,052	6,937
48. Street lighting .....	110	55	165	258	40	298	262	59	321
<b>Railway, telephone and telegraph .....</b>	<b>6,807</b>	<b>5,904</b>	<b>12,711</b>	<b>9,555</b>	<b>6,170</b>	<b>15,725</b>	<b>6,795</b>	<b>6,785</b>	<b>13,580</b>
49. Railway tracks and roadbed .....	3,760	4,661	8,421	5,151	4,764	9,915	3,527	5,481	9,008
50. Signals and interlockers .....	243	360	603	490	329	819	289	383	672
51. Telegraph and telephone lines, underground and marine cables .....	2,804	883	3,687	3,914	1,077	4,991	2,979	921	3,900
<b>Gas and oil facilities .....</b>	<b>437</b>	<b>468</b>	<b>905</b>	<b>779</b>	<b>485</b>	<b>1,264</b>	<b>724</b>	<b>430</b>	<b>1,154</b>
52. Gas mains and services .....	5	2	7	—	4	4	—	2	2
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	268	24	292	192	23	215	214	26	240
56. Gas storage tanks .....	22	—	22	—	—	—	—	—	—
57. Oil pipe lines .....	26	—	26	—	—	—	10	—	10
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	25	2	27	—	2	2
61. Oil refinery—Processing units .....	116	442	558	562	456	1,018	500	400	900
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>3,649</b>	<b>2,161</b>	<b>5,810</b>	<b>5,935</b>	<b>1,987</b>	<b>7,922</b>	<b>6,028</b>	<b>2,063</b>	<b>8,091</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,487	1,593	4,080	3,019	1,505	4,524	4,894	1,559	6,453
64. Tunnels and subways .....	—	7	7	6	7	13	3	7	10
65. Incinerators .....	—	1	1	—	1	1	—	1	1
66. Park systems, landscaping, sodding, etc. ....	153	128	281	15	98	113	13	99	112
67. Swimming pools, tennis courts, outdoor recreation facilities ....	136	11	147	235	55	290	162	56	218
68. Mine shafts and other below surface workings .....	431	21	452	2,258	4	2,262	567	10	577
69. Fences, snowsheds, signs, guard rails .....	204	246	450	205	167	372	199	179	378
70. Other engineering construction .....	238	154	392	197	150	347	190	152	342

TABLE 22. Quebec

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1, 511, 822</b>	<b>378, 847</b>	<b>1, 890, 669</b>	<b>1, 568, 426</b>	<b>385, 076</b>	<b>1, 953, 502</b>	<b>1, 904, 008</b>	<b>407, 797</b>	<b>2, 311, 805</b>
<b>Total building construction .....</b>	<b>989, 995</b>	<b>250, 604</b>	<b>1, 240, 599</b>	<b>1, 017, 049</b>	<b>257, 380</b>	<b>1, 274, 429</b>	<b>1, 153, 864</b>	<b>270, 321</b>	<b>1, 424, 185</b>
<b>Residential .....</b>	<b>451, 800</b>	<b>146, 200</b>	<b>598, 000</b>	<b>493, 900</b>	<b>155, 100</b>	<b>649, 000</b>	<b>550, 100</b>	<b>166, 300</b>	<b>716, 400</b>
<b>Industrial .....</b>	<b>82, 389</b>	<b>36, 611</b>	<b>119, 000</b>	<b>84, 982</b>	<b>35, 019</b>	<b>120, 001</b>	<b>126, 543</b>	<b>36, 831</b>	<b>163, 374</b>
2. Factories, plants, workshops, food canneries .....	70, 154	28, 429	98, 583	70, 201	27, 436	97, 637	84, 103	29, 777	113, 880
3. Mine and mine mill buildings .....	9, 574	4, 439	14, 013	12, 338	3, 967	16, 305	37, 837	3, 114	40, 951
4. Railway stations, offices, roadway buildings .....	1, 716	1, 971	3, 687	1, 658	1, 850	3, 508	1, 286	2, 074	3, 360
5. Railway shops, engine houses, water and fuel stations .....	945	1, 772	2, 717	785	1, 766	2, 551	3, 317	1, 866	5, 183
<b>Commercial .....</b>	<b>203, 679</b>	<b>27, 842</b>	<b>231, 521</b>	<b>179, 647</b>	<b>28, 684</b>	<b>208, 331</b>	<b>185, 098</b>	<b>27, 798</b>	<b>212, 896</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	11, 301	3, 205	14, 506	15, 189	3, 676	18, 865	12, 009	3, 515	15, 524
7. Grain elevators .....	12, 152	1, 022	13, 174	9, 692	1, 353	11, 045	4, 190	1, 231	5, 421
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6, 931	3, 116	10, 047	15, 573	3, 656	19, 229	30, 085	3, 235	33, 320
9. Office buildings .....	120, 143	10, 860	131, 003	81, 786	10, 966	92, 752	83, 674	10, 646	94, 320
10. Stores, retail and wholesale .....	34, 807	6, 643	41, 450	35, 434	5, 715	41, 149	39, 165	6, 317	45, 482
11. Garages and service stations .....	5, 281	1, 922	7, 203	5, 410	2, 049	7, 459	6, 779	1, 869	8, 648
12. Theatres, arenas, amusement and recreational buildings .....	12, 611	795	13, 406	16, 185	870	17, 055	9, 080	673	9, 753
13. Laundries and dry cleaning establishments .....	453	279	732	378	399	777	116	312	428
<b>Institutional .....</b>	<b>189, 337</b>	<b>21, 373</b>	<b>210, 710</b>	<b>199, 339</b>	<b>19, 816</b>	<b>219, 155</b>	<b>224, 992</b>	<b>20, 969</b>	<b>245, 961</b>
14. Schools and other educational buildings .....	126, 093	8, 104	134, 197	139, 844	8, 860	148, 704	158, 177	8, 654	166, 831
15. Churches and other religious buildings .....	17, 014	2, 788	19, 802	11, 801	2, 795	14, 596	12, 361	3, 196	15, 557
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	38, 353	5, 741	44, 094	35, 115	6, 490	41, 605	44, 556	7, 367	51, 923
17. Other institutional buildings .....	7, 877	4, 740	12, 617	12, 579	1, 671	14, 250	9, 898	1, 752	11, 650
<b>Other building construction .....</b>	<b>62, 790</b>	<b>18, 578</b>	<b>81, 368</b>	<b>59, 181</b>	<b>18, 761</b>	<b>77, 942</b>	<b>67, 131</b>	<b>18, 423</b>	<b>85, 554</b>
18. Farm buildings (excluding dwellings) .....	38, 569	11, 910	50, 479	37, 504	11, 540	49, 044	37, 935	11, 534	49, 469
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	11, 609	1, 276	12, 885	13, 273	1, 630	14, 903	16, 331	1, 419	17, 750
20. Aeroplane hangars .....	771	185	956	350	205	555	456	207	663
21. Passenger terminals, bus, boat or air .....	722	892	1, 614	1, 135	815	1, 950	1, 488	763	2, 251
22. Armouries, barracks, drill halls, etc. ....	1, 757	2, 697	4, 454	1, 546	3, 126	4, 672	2, 155	3, 149	5, 304
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	7, 458	1, 407	8, 865	3, 273	1, 158	4, 431	6, 398	1, 040	7, 438
24. Other building construction .....	1, 904	211	2, 115	2, 100	287	2, 387	2, 368	311	2, 679
<b>Total engineering construction .....</b>	<b>521, 827</b>	<b>128, 243</b>	<b>650, 070</b>	<b>551, 377</b>	<b>127, 696</b>	<b>679, 073</b>	<b>750, 144</b>	<b>137, 476</b>	<b>887, 620</b>
<b>Marine construction .....</b>	<b>22, 012</b>	<b>4, 971</b>	<b>26, 983</b>	<b>7, 800</b>	<b>4, 252</b>	<b>12, 052</b>	<b>10, 152</b>	<b>4, 757</b>	<b>14, 909</b>
25. Docks, wharves, piers, breakwaters .....	11, 617	2, 323	13, 940	6, 707	2, 764	9, 471	9, 065	2, 934	11, 999
26. Retaining walls, embankments, riprapping .....	793	692	1, 485	484	30	514	626	60	686
27. Canals and waterways .....	6, 230	502	6, 732	77	200	277	106	396	502
28. Dredging and pile driving .....	3, 146	1, 065	4, 211	79	900	979	118	1, 006	1, 124
29. Dyke construction .....	3	9	12	3	—	3	34	—	34
30. Logging booms .....	21	205	226	49	200	249	25	178	203
31. Other marine construction .....	202	175	377	401	158	559	178	183	361



TABLE 22. Quebec — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>149,093</b>	<b>47,005</b>	<b>196,098</b>	<b>180,569</b>	<b>+7,637</b>	<b>228,206</b>	<b>278,475</b>	<b>48,615</b>	<b>327,090</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	115,658	17,106	132,764	158,195	39,478	197,673	248,619	41,206	289,825
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	15,927	17,692	33,619	8,580	3,641	12,221	11,585	3,176	14,761
34. Dirt, clay or other streets, roads, parking lots, etc. ....	5,586	3,229	8,815	3,442	2,717	6,159	4,621	2,425	7,046
35. Grading, scraping, oiling, filling .....	2,893	5,739	8,632	1,076	208	1,284	2,252	186	2,438
36. Sidewalks, paths .....	6,089	3,003	9,092	6,699	1,367	8,066	7,660	1,394	9,054
37. Aerodromes, landing fields, runways, tarmac .....	2,940	236	3,176	2,577	226	2,803	3,738	228	3,966
<b>Waterworks and sewage systems .....</b>	<b>40,575</b>	<b>12,832</b>	<b>53,407</b>	<b>34,245</b>	<b>8,587</b>	<b>42,832</b>	<b>58,007</b>	<b>12,490</b>	<b>70,497</b>
38. Tile drains, drainage ditches, storm sewers .....	1,234	640	1,874	4,981	253	5,234	6,741	255	6,996
39. Water mains, hydrants and services .....	22,717	6,538	29,255	13,464	6,056	19,520	23,360	7,457	30,817
40. Sewage systems and connections .....	13,270	1,920	15,190	14,233	1,765	15,998	18,973	1,807	20,780
41. Pumping stations, water .....	3,065	1,205	4,270	837	442	1,279	6,299	2,948	9,247
42. Water storage tanks .....	289	2,529	2,818	730	71	801	2,634	23	2,657
<b>Dams and irrigation .....</b>	<b>46,584</b>	<b>1,067</b>	<b>47,651</b>	<b>95,668</b>	<b>1,373</b>	<b>97,041</b>	<b>91,950</b>	<b>1,176</b>	<b>93,126</b>
43. Dams and reservoirs .....	39,363	340	39,703	89,630	653	90,283	85,924	467	86,391
44. Irrigation and land reclamation projects .....	7,221	727	7,948	6,038	720	6,758	6,026	709	6,735
<b>Electric power construction .....</b>	<b>139,654</b>	<b>10,945</b>	<b>150,599</b>	<b>105,952</b>	<b>12,693</b>	<b>118,645</b>	<b>144,225</b>	<b>13,854</b>	<b>158,079</b>
45. Electric power generating plants, including water conveying and controlling structures .....	84,403	5,610	90,013	37,352	3,426	40,778	41,899	3,606	45,505
46. Electric transformer stations .....	12,570	2,222	14,792	25,243	3,818	29,061	27,869	3,631	31,500
47. Power transmission and distribution lines, trolley wires .....	41,289	2,802	44,091	42,467	4,944	47,411	73,162	6,256	79,418
48. Street lighting .....	1,392	311	1,703	890	505	1,395	1,295	361	1,656
<b>Railway, telephone and telegraph .....</b>	<b>50,908</b>	<b>29,177</b>	<b>80,085</b>	<b>52,543</b>	<b>29,587</b>	<b>82,130</b>	<b>50,048</b>	<b>32,611</b>	<b>82,659</b>
49. Railway tracks and roadbed .....	18,137	17,695	35,832	13,024	18,853	31,877	12,243	20,842	33,085
50. Signals and interlockers .....	1,239	1,591	2,830	1,044	1,394	2,438	2,079	1,562	3,641
51. Telegraph and telephone lines, underground and marine cables .....	31,532	9,891	41,423	38,475	9,340	47,815	35,726	10,207	45,933
<b>Gas and oil facilities .....</b>	<b>19,967</b>	<b>9,336</b>	<b>29,303</b>	<b>13,166</b>	<b>10,199</b>	<b>23,365</b>	<b>13,270</b>	<b>10,018</b>	<b>23,288</b>
52. Gas mains and services .....	8,415	920	9,335	5,122	950	6,072	3,765	1,033	4,798
53. Pumping stations, oil .....	24	36	60	13	47	60	5	45	50
54. Pumping stations, gas .....	143	—	143	6	—	6	17	—	17
55. Oil storage tanks .....	3,226	675	3,901	2,495	603	3,098	1,977	607	2,584
56. Gas storage tanks .....	239	28	267	15	36	51	5	36	41
57. Oil pipe lines .....	660	417	1,077	188	83	271	87	98	185
58. Gas pipe lines .....	142	18	160	130	23	153	98	22	120
59. Oil wells .....	27	—	27	50	—	50	60	—	60
60. Gas wells .....	27	—	27	49	—	49	60	—	60
61. Oil refinery — Processing units .....	7,064	7,242	14,306	5,098	8,457	13,555	7,196	8,177	15,373
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>53,034</b>	<b>12,910</b>	<b>65,944</b>	<b>61,434</b>	<b>13,368</b>	<b>74,802</b>	<b>104,017</b>	<b>13,955</b>	<b>117,972</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	22,034	5,144	27,178	30,760	6,454	37,214	50,950	7,855	58,805
64. Tunnels and subways .....	2,639	109	2,748	7,806	54	7,860	30,756	52	30,808
65. Incinerators .....	28	315	343	32	284	316	41	290	331
66. Park systems, landscaping, sodding, etc. ....	3,648	1,175	4,823	4,138	1,345	5,483	5,279	1,433	6,712
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4,093	818	4,911	4,301	714	5,015	4,908	729	5,637
68. Mine shafts and other below surface workings .....	7,469	614	8,083	6,995	683	7,678	4,805	732	5,537
69. Fences, snowsheds, signs, guard rails .....	4,941	1,807	6,748	3,189	1,126	4,315	3,252	1,158	4,410
70. Other engineering construction .....	8,182	2,928	11,110	4,213	2,708	6,921	4,026	1,706	5,732



TABLE 23. Ontario

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,935,700</b>	<b>512,595</b>	<b>2,448,295</b>	<b>2,044,826</b>	<b>540,142</b>	<b>2,584,968</b>	<b>2,078,050</b>	<b>565,520</b>	<b>2,643,570</b>
<b>Total building construction .....</b>	<b>1,300,112</b>	<b>326,197</b>	<b>1,626,309</b>	<b>1,372,224</b>	<b>339,406</b>	<b>1,711,630</b>	<b>1,381,552</b>	<b>351,836</b>	<b>1,733,388</b>
<b>Residential .....</b>	<b>562,300</b>	<b>181,600</b>	<b>743,900</b>	<b>599,000</b>	<b>192,600</b>	<b>791,600</b>	<b>667,000</b>	<b>201,800</b>	<b>868,800</b>
<b>Industrial .....</b>	<b>138,514</b>	<b>56,580</b>	<b>195,094</b>	<b>155,170</b>	<b>58,299</b>	<b>213,469</b>	<b>156,393</b>	<b>60,022</b>	<b>216,415</b>
2. Factories, plants, workshops, food canneries .....	130,257	47,545	177,802	134,767	46,326	181,093	137,659	46,984	184,643
3. Mine and mine mill buildings .....	2,687	3,536	6,223	13,389	6,240	19,629	13,852	6,222	20,074
4. Railway stations, offices, roadway buildings .....	4,302	3,908	8,210	4,429	3,922	8,351	2,900	4,615	7,515
5. Railway shops, engine houses, water and fuel stations .....	1,268	1,591	2,859	2,585	1,811	4,396	1,982	2,201	4,183
<b>Commercial .....</b>	<b>224,873</b>	<b>38,357</b>	<b>263,230</b>	<b>218,706</b>	<b>38,307</b>	<b>257,013</b>	<b>244,307</b>	<b>39,031</b>	<b>283,338</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	18,947	4,458	23,405	18,150	4,052	22,202	23,142	4,111	27,253
7. Grain elevators .....	3,736	576	4,312	2,942	607	3,549	102	510	612
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	13,792	3,599	17,391	12,685	2,916	15,601	12,087	3,165	15,252
9. Office buildings .....	98,199	13,867	112,066	100,886	15,977	116,863	120,538	16,017	136,555
10. Stores, retail and wholesale .....	61,166	9,333	70,499	61,563	8,518	70,081	61,018	8,786	69,804
11. Garages and service stations .....	11,730	4,540	16,270	8,312	4,550	12,862	16,467	4,730	21,197
12. Theatres, arenas, amusement and recreational buildings .....	17,177	1,682	18,859	13,234	1,321	14,555	10,603	1,332	11,935
13. Laundries and dry cleaning establishments .....	126	302	428	934	366	1,300	350	380	730
<b>Institutional .....</b>	<b>286,614</b>	<b>18,294</b>	<b>304,908</b>	<b>320,951</b>	<b>17,398</b>	<b>338,349</b>	<b>231,505</b>	<b>18,033</b>	<b>249,538</b>
14. Schools and other educational buildings .....	190,525	7,623	198,148	245,149	8,045	253,194	146,373	8,184	154,557
15. Churches and other religious buildings .....	15,966	2,734	18,700	12,324	1,626	13,950	13,539	1,759	15,298
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	74,456	6,628	81,084	59,585	7,372	66,957	65,781	7,731	73,512
17. Other institutional buildings .....	5,667	1,309	6,976	3,893	355	4,248	5,812	359	6,171
<b>Other building construction .....</b>	<b>87,811</b>	<b>31,366</b>	<b>119,177</b>	<b>78,397</b>	<b>32,802</b>	<b>111,199</b>	<b>82,347</b>	<b>32,950</b>	<b>115,297</b>
18. Farm buildings (excluding dwellings) .....	42,069	23,059	65,128	43,913	23,622	67,535	43,639	23,744	67,383
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	16,165	292	16,457	15,248	306	15,554	14,658	321	14,979
20. Aeroplane hangars .....	879	974	1,853	204	1,040	1,244	203	1,033	1,236
21. Passenger terminals, bus, boat or air .....	16,183	130	16,313	6,770	91	6,861	5,109	146	5,255
22. Armouries, barracks, drill halls, etc. ....	1,525	4,714	6,239	1,259	5,140	6,399	1,253	5,152	6,405
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,141	475	2,616	1,011	421	1,432	708	421	1,129
24. Other building construction .....	8,849	1,722	10,571	9,992	2,182	12,174	16,777	2,133	18,910
<b>Total engineering construction .....</b>	<b>635,588</b>	<b>186,398</b>	<b>821,986</b>	<b>672,602</b>	<b>200,736</b>	<b>873,338</b>	<b>696,498</b>	<b>213,684</b>	<b>910,182</b>
<b>Marine construction .....</b>	<b>11,645</b>	<b>3,123</b>	<b>14,768</b>	<b>9,093</b>	<b>1,975</b>	<b>11,068</b>	<b>17,060</b>	<b>2,246</b>	<b>19,306</b>
25. Docks, wharves, piers, breakwaters .....	8,496	1,116	9,612	6,504	851	7,355	6,352	877	7,229
26. Retaining walls, embankments, riprapping .....	512	61	573	857	54	911	136	56	192
27. Canals and waterways .....	1,481	1,032	2,513	1,310	659	1,969	10,078	911	10,989
28. Dredging and pile driving .....	1,052	393	1,445	353	327	680	213	281	494
29. Dyke construction .....	—	—	—	—	—	—	—	2	2
30. Logging booms .....	28	157	185	7	72	79	5	107	112
31. Other marine construction .....	76	364	440	62	12	74	276	12	288

TABLE 23. Ontario — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>183,173</b>	<b>56,679</b>	<b>239,852</b>	<b>185,513</b>	<b>72,338</b>	<b>257,851</b>	<b>211,077</b>	<b>74,812</b>	<b>285,889</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	155,232	45,445	200,677	162,112	58,898	221,010	184,928	60,966	245,894
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	14,782	2,375	17,157	11,573	9,098	20,671	14,158	9,667	23,825
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,735	1,490	3,225	1,879	1,602	3,481	1,827	1,468	3,295
35. Grading, scraping, oiling, filling .....	475	4,864	5,339	217	398	615	130	400	530
36. Sidewalks, paths .....	4,487	2,225	6,712	4,399	2,039	6,438	4,727	2,008	6,735
37. Aerodromes, landing fields, runways, tarmac .....	6,462	280	6,742	5,333	303	5,636	5,307	303	5,610
<b>Waterworks and sewage systems .....</b>	<b>75,859</b>	<b>13,473</b>	<b>89,332</b>	<b>86,899</b>	<b>11,043</b>	<b>97,942</b>	<b>92,690</b>	<b>11,094</b>	<b>103,784</b>
38. Tile drains, drainage ditches, storm sewers .....	1,176	1,079	2,255	829	156	985	619	133	752
39. Water mains, hydrants and services .....	16,610	5,635	22,245	15,159	5,251	20,410	24,770	5,336	30,106
40. Sewage systems and connections .....	56,623	5,741	62,364	65,874	4,593	70,467	59,196	4,761	63,957
41. Pumping stations, water .....	1,053	964	2,017	4,848	943	5,791	6,780	772	7,552
42. Water storage tanks .....	397	54	451	189	100	289	1,325	92	1,417
<b>Dams and irrigation .....</b>	<b>3,471</b>	<b>1,722</b>	<b>5,193</b>	<b>6,824</b>	<b>1,721</b>	<b>8,545</b>	<b>7,105</b>	<b>1,584</b>	<b>8,689</b>
43. Dams and reservoirs .....	1,079	444	1,523	4,436	409	4,845	4,355	265	4,620
44. Irrigation and land reclamation projects .....	2,392	1,278	3,670	2,388	1,312	3,700	2,750	1,319	4,069
<b>Electric power construction .....</b>	<b>93,146</b>	<b>29,525</b>	<b>122,671</b>	<b>113,011</b>	<b>33,463</b>	<b>146,474</b>	<b>109,685</b>	<b>36,033</b>	<b>145,718</b>
45. Electric power generating plants, including water conveying and controlling structures .....	34,351	5,951	40,302	34,040	6,281	40,321	34,218	6,809	41,027
46. Electric transformer stations .....	6,325	2,522	8,847	16,269	2,529	18,798	13,545	2,759	16,304
47. Power transmission and distribution lines, trolley wires .....	47,619	17,692	65,311	58,805	21,629	80,434	57,544	23,312	80,856
48. Street lighting .....	4,851	3,360	8,211	3,897	3,024	6,921	4,378	3,153	7,531
<b>Railway, telephone and telegraph .....</b>	<b>81,828</b>	<b>50,856</b>	<b>132,684</b>	<b>84,778</b>	<b>49,441</b>	<b>134,219</b>	<b>73,637</b>	<b>56,559</b>	<b>130,196</b>
49. Railway tracks and roadbed .....	32,960	32,675	65,635	36,158	32,799	68,957	26,426	38,083	64,509
50. Signals and interlockers .....	2,384	2,793	5,177	3,207	2,431	5,638	2,360	2,824	5,184
51. Telegraph and telephone lines, underground and marine cables .....	46,484	15,388	61,872	45,413	14,211	59,624	44,851	15,652	60,503
<b>Gas and oil facilities .....</b>	<b>83,684</b>	<b>14,893</b>	<b>98,577</b>	<b>83,909</b>	<b>16,217</b>	<b>100,126</b>	<b>65,075</b>	<b>15,847</b>	<b>80,922</b>
52. Gas mains and services .....	31,163	2,904	34,067	36,027	2,464	38,491	27,117	2,447	29,564
53. Pumping stations, oil .....	349	178	527	883	171	1,054	98	183	281
54. Pumping stations, gas .....	14,361	50	14,411	19,875	349	20,224	21,962	359	22,321
55. Oil storage tanks .....	4,008	891	4,899	2,519	923	3,442	1,940	887	2,827
56. Gas storage tanks .....	299	—	299	22	—	22	175	—	175
57. Oil pipe lines .....	1,537	692	2,229	2,391	642	3,033	191	650	841
58. Gas pipe lines .....	1,239	355	1,594	3,934	463	4,397	9,068	448	9,516
59. Oil wells .....	793	120	913	950	206	1,156	574	207	781
60. Gas wells .....	559	152	711	301	170	471	470	161	631
61. Oil refinery — Processing units .....	29,376	9,551	38,927	17,007	10,829	27,836	3,480	10,505	13,985
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>102,782</b>	<b>16,127</b>	<b>118,909</b>	<b>102,575</b>	<b>14,538</b>	<b>117,113</b>	<b>120,169</b>	<b>15,509</b>	<b>135,678</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	66,432	6,247	72,679	65,717	8,070	73,787	63,316	8,876	72,192
64. Tunnels and subways .....	14,407	22	14,429	20,971	48	21,019	41,934	18	41,952
65. Incinerators .....	68	4	72	58	8	66	15	4	19
66. Park systems, landscaping, sodding, etc. ....	1,261	1,950	3,211	781	1,212	1,993	903	1,151	2,054
67. Swimming pools, tennis courts, outdoor recreation facilities....	186	526	712	548	523	1,071	718	531	1,249
68. Mine shafts and other below surface workings .....	13,048	876	13,924	7,728	411	8,139	5,976	481	6,457
69. Fences, snowsheds, signs, guard rails .....	3,893	3,624	7,517	3,151	2,075	5,226	3,001	2,176	5,177
70. Other engineering construction .....	3,487	2,878	6,365	3,621	2,191	5,812	4,306	2,272	6,578



TABLE 24. Manitoba

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Total value of construction .....	278, 208	82, 904	361, 112	347, 899	82, 148	430, 047	336, 354	87, 285	423, 639
Total building construction .....	151, 076	47, 574	198, 650	165, 715	47, 439	213, 154	181, 128	51, 066	232, 194
Residential .....	59, 200	19, 000	78, 200	70, 200	20, 100	90, 300	78, 200	23, 700	101, 900
Industrial .....	14, 593	5, 951	20, 544	15, 670	6, 656	22, 326	21, 449	6, 691	28, 140
2. Factories, plants, workshops, food canneries .....	12, 600	3, 636	16, 236	12, 978	3, 833	16, 811	19, 172	3, 876	23, 048
3. Mine and mine mill buildings .....	416	179	595	395	480	875	559	298	857
4. Railway stations, offices, roadway buildings .....	1, 304	1, 450	2, 754	1, 555	1, 308	2, 863	1, 061	1, 507	2, 568
5. Railway shops, engine houses, water and fuel stations .....	273	686	959	742	1, 035	1, 777	657	1, 010	1, 667
Commercial .....	23, 399	6, 823	30, 222	28, 325	5, 865	34, 190	29, 100	6, 219	35, 319
6. Warehouses, storehouses, refrigerated storage etc. ....	1, 837	886	2, 723	3, 035	486	3, 521	1, 338	549	1, 887
7. Grain elevators .....	1, 074	594	1, 668	769	731	1, 500	677	794	1, 471
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1, 665	675	2, 340	2, 304	646	2, 950	4, 955	558	5, 513
9. Office buildings .....	9, 292	1, 920	11, 212	12, 322	1, 502	13, 824	10, 832	1, 791	12, 623
10. Stores, retail and wholesale .....	6, 803	1, 849	8, 652	6, 225	1, 579	7, 804	8, 308	1, 676	9, 984
11. Garages and service stations .....	883	529	1, 412	1, 173	534	1, 707	1, 035	504	1, 539
12. Theatres, arenas, amusement and recreational buildings .....	1, 382	310	1, 692	2, 371	321	2, 692	1, 907	288	2, 195
13. Laundries and dry cleaning establishments .....	463	60	523	126	66	192	48	59	107
Institutional .....	26, 298	8, 457	34, 755	26, 980	7, 457	34, 437	28, 792	6, 364	35, 156
14. Schools and other educational buildings .....	21, 763	7, 053	28, 816	18, 886	6, 172	25, 058	16, 465	5, 010	21, 475
15. Churches and other religious buildings .....	1, 381	214	1, 595	3, 320	195	3, 515	1, 501	111	1, 612
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2, 548	1, 020	3, 568	3, 039	904	3, 943	8, 600	1, 103	9, 703
17. Other institutional buildings .....	606	170	776	1, 735	186	1, 921	2, 226	140	2, 366
Other building construction .....	27, 586	7, 343	34, 929	24, 540	7, 361	31, 901	23, 587	8, 092	31, 679
18. Farm buildings (excluding dwellings) .....	13, 696	4, 556	18, 252	13, 801	4, 605	18, 406	15, 869	5, 300	21, 169
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5, 795	191	5, 986	4, 671	236	4, 907	2, 649	257	2, 906
20. Aeroplane hangars .....	74	289	363	58	321	379	36	308	344
21. Passenger terminals, bus, boat or air .....	4, 486	7	4, 493	3, 458	—	3, 458	2, 711	—	2, 711
22. Armouries, barracks, drill halls, etc. ....	2, 104	1, 767	3, 871	1, 623	1, 844	3, 467	1, 273	1, 828	3, 101
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	339	254	593	195	81	276	99	85	184
24. Other building construction .....	1, 092	279	1, 371	734	274	1, 008	950	314	1, 264
Total engineering construction .....	127, 132	35, 330	162, 462	182, 184	34, 709	216, 893	155, 226	36, 219	191, 445
Marine construction .....	1, 479	222	1, 701	6, 151	240	6, 391	9, 199	260	9, 459
25. Docks, wharves, piers, breakwaters .....	931	142	1, 073	210	202	412	198	216	414
26. Retaining walls, embankments, riprapping .....	10	1	11	5, 600	10	5, 610	8, 750	15	8, 765
27. Canals and waterways .....	9	—	9	1	—	1	1	—	1
28. Dredging and pile driving .....	529	—	529	340	28	368	250	29	279
29. Dyke construction .....	—	79	79	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	—	—	—	—	—	—



TABLE 24. Manitoba -- Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>31,884</b>	<b>8,400</b>	<b>40,284</b>	<b>34,168</b>	<b>7,027</b>	<b>41,195</b>	<b>37,557</b>	<b>6,739</b>	<b>44,296</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	16,288	6,071	22,359	18,233	4,740	22,973	22,077	4,532	26,609
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,524	1,049	5,573	4,485	1,023	5,508	4,432	975	5,407
34. Dirt, clay or other streets, roads, parking lots, etc. ....	181	118	299	208	112	320	210	107	317
35. Grading, scraping, oiling, filling .....	7,600	893	8,493	8,464	831	9,295	8,542	802	9,344
36. Sidewalks, paths .....	179	181	360	411	230	641	439	233	672
37. Aerodromes, landing fields, runways, tarmac .....	3,112	88	3,200	2,367	91	2,458	1,857	90	1,947
<b>Waterworks and sewage systems .....</b>	<b>8,025</b>	<b>1,964</b>	<b>9,989</b>	<b>21,575</b>	<b>2,405</b>	<b>23,980</b>	<b>21,463</b>	<b>2,649</b>	<b>24,112</b>
38. Tile drains, drainage ditches, storm sewers .....	283	112	395	1,661	481	2,142	1,656	494	2,150
39. Water mains, hydrants and services .....	2,874	1,389	4,263	4,344	1,359	5,703	3,545	1,468	5,013
40. Sewage systems and connections .....	4,025	385	4,410	11,731	501	12,232	14,213	561	14,774
41. Pumping stations, water .....	482	77	559	848	60	908	1,217	74	1,291
42. Water storage tanks .....	361	1	362	2,991	4	2,995	832	52	884
<b>Dams and irrigation .....</b>	<b>1,439</b>	<b>320</b>	<b>1,759</b>	<b>3,017</b>	<b>332</b>	<b>3,349</b>	<b>5,009</b>	<b>384</b>	<b>5,393</b>
43. Dams and reservoirs .....	684	69	753	2,237	78	2,315	3,979	70	4,049
44. Irrigation and land reclamation projects .....	755	251	1,006	780	254	1,034	1,030	314	1,344
<b>Electric power construction .....</b>	<b>38,952</b>	<b>1,797</b>	<b>40,749</b>	<b>53,624</b>	<b>2,264</b>	<b>55,888</b>	<b>26,870</b>	<b>2,306</b>	<b>29,176</b>
45. Electric power generating plants, including water conveying and controlling structures .....	25,327	381	25,708	28,060	505	28,565	10,147	521	10,668
46. Electric transformer stations .....	820	591	1,411	2,018	93	2,111	1,562	90	1,652
47. Power transmission and distribution lines, trolley wires .....	11,819	391	12,210	22,044	1,023	23,067	13,487	1,006	14,493
48. Street lighting .....	986	434	1,420	1,502	643	2,145	1,674	689	2,363
<b>Railway, telephone and telegraph .....</b>	<b>16,447</b>	<b>15,661</b>	<b>32,108</b>	<b>20,489</b>	<b>16,693</b>	<b>37,182</b>	<b>18,089</b>	<b>18,350</b>	<b>36,439</b>
49. Railway tracks and roadbed .....	9,784	11,321	21,105	12,288	11,652	23,940	9,143	13,003	22,146
50. Signals and interlockers .....	531	632	1,163	1,285	772	2,057	874	885	1,759
51. Telegraph and telephone lines, underground and marine cables .....	6,132	3,708	9,840	6,916	4,269	11,185	8,072	4,462	12,534
<b>Gas and oil facilities .....</b>	<b>14,414</b>	<b>1,808</b>	<b>16,222</b>	<b>27,289</b>	<b>1,984</b>	<b>29,273</b>	<b>21,764</b>	<b>1,468</b>	<b>23,232</b>
52. Gas mains and services .....	5,659	439	6,098	4,434	—	4,434	5,224	—	5,224
53. Pumping stations, oil .....	77	185	262	86	229	315	312	232	544
54. Pumping stations, gas .....	4,361	—	4,361	1,747	—	1,747	2,076	—	2,076
55. Oil storage tanks .....	184	89	273	448	85	533	401	114	515
56. Gas storage tanks .....	84	—	84	1,593	—	1,593	452	—	452
57. Oil pipe lines .....	545	124	669	4,473	87	4,560	5,705	88	5,793
58. Gas pipe lines .....	2,138	—	2,138	11,326	—	11,326	6,437	—	6,437
59. Oil wells .....	282	186	468	1,364	302	1,666	576	331	907
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units .....	1,084	785	1,869	1,818	1,281	3,099	581	703	1,284
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>14,492</b>	<b>5,158</b>	<b>19,650</b>	<b>15,871</b>	<b>3,764</b>	<b>19,635</b>	<b>15,275</b>	<b>4,063</b>	<b>19,338</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,507	2,221	9,728	8,196	2,214	10,410	9,013	2,261	11,274
64. Tunnels and subways .....	—	—	—	20	—	20	16	—	16
65. Incinerators .....	1	5	6	1	5	6	1	5	6
66. Park systems, landscaping, sodding, etc. ....	473	128	601	354	88	442	264	87	351
67. Swimming pools, tennis courts, outdoor recreation facilities ....	306	373	679	139	32	171	582	36	618
68. Mine shafts and other below surface workings .....	4,483	488	4,971	5,360	323	5,683	3,788	504	4,292
69. Fences, snowsheds, signs, guard rails .....	1,024	577	1,601	1,050	520	1,570	1,110	588	1,698
70. Other engineering construction .....	698	1,366	2,064	751	582	1,333	501	582	1,083

TABLE 25. Saskatchewan

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
<b>Total value of construction .....</b>	<b>332,258</b>	<b>84,726</b>	<b>416,984</b>	<b>353,576</b>	<b>86,614</b>	<b>440,190</b>	<b>363,910</b>	<b>90,794</b>	<b>454,704</b>
<b>Total building construction .....</b>	<b>172,630</b>	<b>46,479</b>	<b>219,109</b>	<b>182,570</b>	<b>50,012</b>	<b>232,582</b>	<b>193,908</b>	<b>50,063</b>	<b>243,971</b>
<b>Residential .....</b>	<b>74,900</b>	<b>24,100</b>	<b>99,000</b>	<b>73,100</b>	<b>25,600</b>	<b>98,700</b>	<b>81,500</b>	<b>24,600</b>	<b>106,100</b>
<b>Industrial .....</b>	<b>5,086</b>	<b>2,814</b>	<b>7,900</b>	<b>9,196</b>	<b>3,277</b>	<b>12,473</b>	<b>12,103</b>	<b>3,585</b>	<b>15,688</b>
2. Factories, plants, workshops, food canneries .....	2,589	1,291	3,880	5,117	1,464	6,581	3,299	1,492	4,791
3. Mine and mine mill buildings .....	620	134	754	2,568	308	2,876	7,710	327	8,037
4. Railway stations, offices, roadway buildings .....	1,611	1,133	2,744	1,064	1,121	2,185	769	1,303	2,072
5. Railway shops, engine houses, water and fuel stations .....	266	256	522	447	384	831	325	463	788
<b>Commercial .....</b>	<b>23,579</b>	<b>6,248</b>	<b>29,827</b>	<b>27,085</b>	<b>6,344</b>	<b>33,429</b>	<b>28,247</b>	<b>6,013</b>	<b>34,260</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,958	593	2,551	1,559	659	2,218	2,593	625	3,218
7. Grain elevators .....	4,448	1,856	6,304	3,174	2,162	5,336	2,814	2,154	4,968
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,845	449	2,294	3,088	653	3,741	4,017	316	4,333
9. Office buildings .....	8,389	1,744	10,133	12,490	1,266	13,756	9,195	1,359	10,554
10. Stores, retail and wholesale .....	3,556	1,128	4,684	4,563	1,055	5,618	5,565	1,087	6,652
11. Garages and service stations .....	949	250	1,199	1,045	277	1,322	2,361	267	2,628
12. Theatres, arenas, amusement and recreational buildings .....	2,424	204	2,628	1,160	230	1,390	1,519	183	1,702
13. Laundries and dry cleaning establishments .....	10	24	34	6	42	48	183	22	205
<b>Institutional .....</b>	<b>35,553</b>	<b>4,237</b>	<b>39,790</b>	<b>38,487</b>	<b>4,735</b>	<b>43,222</b>	<b>37,714</b>	<b>4,732</b>	<b>42,446</b>
14. Schools and other educational buildings .....	22,119	2,709	24,828	21,551	3,272	24,823	23,776	3,108	26,884
15. Churches and other religious buildings .....	3,924	159	4,083	5,397	227	5,624	3,346	162	3,508
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,636	1,063	8,699	9,707	931	10,638	8,615	1,085	9,700
17. Other institutional buildings .....	1,874	306	2,180	1,832	305	2,137	1,977	377	2,354
<b>Other building construction .....</b>	<b>33,512</b>	<b>9,080</b>	<b>42,592</b>	<b>34,702</b>	<b>10,056</b>	<b>44,758</b>	<b>34,344</b>	<b>11,133</b>	<b>45,477</b>
18. Farm buildings (excluding dwellings) .....	21,501	8,416	29,917	23,145	9,153	32,298	25,702	10,260	35,962
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	10,860	83	10,943	10,323	143	10,466	7,123	121	7,244
20. Aeroplane hangars .....	—	66	66	40	68	108	—	74	74
21. Passenger terminals, bus, boat or air .....	31	14	45	25	16	41	20	20	40
22. Armouries, barracks, drill halls, etc. ....	560	304	864	454	299	753	364	325	689
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	95	63	158	629	191	820	326	64	390
24. Other building construction .....	465	134	599	86	186	272	809	269	1,078
<b>Total engineering construction .....</b>	<b>159,628</b>	<b>38,247</b>	<b>197,875</b>	<b>171,006</b>	<b>36,602</b>	<b>207,608</b>	<b>170,002</b>	<b>40,731</b>	<b>210,733</b>
<b>Marine construction .....</b>	<b>311</b>	<b>68</b>	<b>379</b>	<b>319</b>	<b>100</b>	<b>419</b>	<b>222</b>	<b>115</b>	<b>337</b>
25. Docks, wharves, piers, breakwaters .....	307	66	373	308	97	405	219	112	331
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	4	—	4	3	—	3	3	—	3
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	2	2	8	3	11	—	3	3



TABLE 25. Saskatchewan — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>30,232</b>	<b>10,961</b>	<b>41,193</b>	<b>32,015</b>	<b>1,380</b>	<b>42,395</b>	<b>34,558</b>	<b>11,768</b>	<b>46,326</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	20,013	7,416	27,429	22,851	6,450	29,301	25,217	7,293	32,510
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	5,149	3,101	8,250	3,327	3,382	6,709	4,474	3,867	8,341
34. Dirt, clay or other streets, roads, parking lots, etc. ....	176	97	273	1,570	374	1,944	1,156	360	1,516
35. Grading, scraping, oiling, filling .....	2	20	22	1	23	24	2	20	22
36. Sidewalks, paths .....	2,047	306	2,353	2,017	123	2,140	1,838	200	2,038
37. Aerodromes, landing fields, runways, tarmac .....	2,845	21	2,866	2,249	28	2,277	1,871	28	1,899
<b>Waterworks and sewage systems .....</b>	<b>6,311</b>	<b>1,562</b>	<b>7,873</b>	<b>4,992</b>	<b>1,524</b>	<b>6,516</b>	<b>6,997</b>	<b>1,602</b>	<b>8,599</b>
38. Tile drains, drainage ditches, storm sewers .....	—	33	33	26	54	80	482	42	524
39. Water mains, hydrants and services .....	1,173	806	1,979	1,753	674	2,427	2,794	640	3,434
40. Sewage systems and connections .....	5,045	590	5,635	2,970	758	3,728	3,161	872	4,033
41. Pumping stations, water .....	93	126	219	143	36	179	560	43	603
42. Water storage tanks .....	—	7	7	100	2	102	—	5	5
<b>Dams and irrigation .....</b>	<b>20,987</b>	<b>1,689</b>	<b>22,676</b>	<b>23,396</b>	<b>1,657</b>	<b>25,053</b>	<b>20,387</b>	<b>1,808</b>	<b>22,195</b>
43. Dams and reservoirs .....	19,845	1,096	20,941	19,104	1,000	20,104	14,904	1,071	15,975
44. Irrigation and land reclamation projects .....	1,142	593	1,735	4,292	657	4,949	5,483	737	6,220
<b>Electric power construction .....</b>	<b>36,747</b>	<b>2,590</b>	<b>39,337</b>	<b>23,338</b>	<b>2,023</b>	<b>25,361</b>	<b>23,228</b>	<b>2,493</b>	<b>25,721</b>
45. Electric power generating plants, including water conveying and controlling structures .....	20,602	519	21,121	8,965	495	9,460	5,428	485	5,913
46. Electric transformer stations .....	2,818	466	3,284	1,367	390	1,757	4,086	812	4,898
47. Power transmission and distribution lines, trolley wires .....	12,761	1,316	14,077	12,451	1,054	13,505	13,141	1,113	14,254
48. Street lighting .....	566	289	855	555	84	639	573	83	656
<b>Railway, telephone and telegraph .....</b>	<b>12,271</b>	<b>12,642</b>	<b>24,913</b>	<b>13,205</b>	<b>12,439</b>	<b>25,644</b>	<b>11,303</b>	<b>14,364</b>	<b>25,667</b>
49. Railway tracks and roadbed .....	7,690	10,584	18,274	8,628	9,964	18,592	6,374	11,456	17,830
50. Signals and interlockers .....	995	535	1,530	686	679	1,365	509	789	1,298
51. Telegraph and telephone lines, underground and marine cables .....	3,586	1,523	5,109	3,891	1,796	5,687	4,420	2,119	6,539
<b>Gas and oil facilities .....</b>	<b>45,110</b>	<b>5,746</b>	<b>50,856</b>	<b>60,352</b>	<b>5,749</b>	<b>66,101</b>	<b>50,887</b>	<b>5,538</b>	<b>56,425</b>
52. Gas mains and services .....	4,308	598	4,906	3,969	57	4,026	4,729	60	4,789
53. Pumping stations, oil .....	143	259	402	256	302	558	257	308	565
54. Pumping stations, gas .....	4,513	1	4,514	4,913	—	4,913	1,011	—	1,011
55. Oil storage tanks .....	654	168	822	249	159	408	491	257	748
56. Gas storage tanks .....	43	—	43	65	—	65	—	—	—
57. Oil pipe lines .....	2,346	365	2,711	1,426	311	1,737	1,682	314	1,996
58. Gas pipe lines .....	9,138	15	9,153	19,013	17	19,030	16,754	20	16,774
59. Oil wells .....	22,513	2,718	25,231	29,474	3,164	32,638	24,980	3,064	28,044
60. Gas wells .....	476	—	476	41	—	41	108	—	108
61. Oil refinery — Processing units .....	976	1,622	2,598	763	1,732	2,495	875	1,515	2,390
62. Natural gas cleaning plants .....	—	—	—	183	7	190	—	—	—
<b>Other engineering construction .....</b>	<b>7,659</b>	<b>2,989</b>	<b>10,648</b>	<b>13,389</b>	<b>2,730</b>	<b>16,119</b>	<b>22,420</b>	<b>3,043</b>	<b>25,463</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,220	1,042	3,262	2,157	981	3,138	3,259	1,060	4,319
64. Tunnels and subways .....	—	—	—	3	—	3	3	—	3
65. Incinerators .....	12	110	122	—	4	4	—	4	4
66. Park systems, landscaping, sodding, etc. ....	66	123	189	139	157	296	130	145	275
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	24	24	1,168	322	1,490	1,039	408	1,447
68. Mine shafts and other below surface workings .....	2,839	276	3,115	7,553	221	7,774	15,973	204	16,177
69. Fences, snowsheds, signs, guard rails .....	1,537	817	2,354	1,600	823	2,423	1,667	973	2,640
70. Other engineering construction .....	985	597	1,582	769	222	991	349	249	598



TABLE 26. Alberta

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>652,989</b>	<b>187,220</b>	<b>820,209</b>	<b>694,105</b>	<b>158,912</b>	<b>853,017</b>	<b>692,427</b>	<b>160,465</b>	<b>852,892</b>
<b>Total building construction .....</b>	<b>370,909</b>	<b>92,459</b>	<b>463,368</b>	<b>347,608</b>	<b>93,959</b>	<b>441,567</b>	<b>353,606</b>	<b>93,323</b>	<b>446,929</b>
<b>Residential .....</b>	<b>173,500</b>	<b>55,900</b>	<b>229,500</b>	<b>162,500</b>	<b>59,300</b>	<b>221,800</b>	<b>180,800</b>	<b>54,600</b>	<b>235,400</b>
<b>Industrial .....</b>	<b>13,755</b>	<b>5,815</b>	<b>19,570</b>	<b>14,869</b>	<b>5,350</b>	<b>20,219</b>	<b>16,242</b>	<b>5,705</b>	<b>21,947</b>
2. Factories, plants, workshops, food canneries .....	11,770	4,365	16,135	12,794	3,750	16,544	15,073	3,895	18,968
3. Mine and mine mill buildings .....	709	44	753	376	43	419	25	45	70
4. Railway stations, offices, roadway buildings .....	1,041	1,158	2,199	1,316	1,126	2,442	828	1,270	2,098
5. Railway shops, engine houses, water and fuel stations .....	235	248	483	383	431	814	316	495	811
<b>Commercial .....</b>	<b>46,533</b>	<b>12,146</b>	<b>58,679</b>	<b>53,586</b>	<b>10,422</b>	<b>64,008</b>	<b>50,004</b>	<b>11,792</b>	<b>61,796</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,295	1,126	6,421	4,744	1,059	5,803	3,679	1,164	4,843
7. Grain elevators .....	2,500	982	3,482	1,512	1,219	2,731	1,551	1,224	2,775
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	3,052	1,043	4,095	7,360	1,053	8,413	8,216	1,202	9,418
9. Office buildings .....	19,806	5,316	25,122	18,589	3,977	22,566	16,412	4,820	21,232
10. Stores, retail and wholesale .....	8,909	2,198	11,107	10,218	2,009	12,227	11,697	2,074	13,771
11. Garages and service stations .....	1,314	618	1,932	4,406	613	5,019	4,207	701	4,908
12. Theatres, arenas, amusement and recreational buildings	5,298	798	6,096	6,437	404	6,841	4,058	533	4,591
13. Laundries and dry cleaning establishments .....	359	65	424	320	88	408	184	74	258
<b>Institutional .....</b>	<b>85,216</b>	<b>6,577</b>	<b>91,793</b>	<b>62,026</b>	<b>6,153</b>	<b>68,179</b>	<b>51,617</b>	<b>7,279</b>	<b>58,896</b>
14. Schools and other educational buildings .....	63,672	4,068	67,740	44,608	3,491	48,099	34,156	3,994	38,150
15. Churches and other religious buildings .....	2,436	77	2,513	1,884	161	2,045	1,789	154	1,943
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ..	14,528	1,517	16,045	12,339	2,024	14,363	13,189	2,518	15,707
17. Other institutional buildings .....	4,580	915	5,495	3,195	477	3,672	2,483	613	3,096
<b>Other building construction .....</b>	<b>51,805</b>	<b>12,021</b>	<b>63,826</b>	<b>54,627</b>	<b>12,734</b>	<b>67,361</b>	<b>54,943</b>	<b>13,947</b>	<b>68,890</b>
18. Farm buildings (excluding dwellings) .....	37,591	10,048	47,639	38,113	10,195	48,308	41,382	11,074	52,456
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5,264	307	5,571	6,249	509	6,758	3,778	539	4,317
20. Aeroplane hangars .....	69	306	375	65	310	375	57	321	378
21. Passenger terminals, bus, boat or air .....	6,400	50	6,450	6,063	122	6,185	5,314	22	5,336
22. Armouries, barracks, drill halls, etc. ....	1,057	729	1,786	997	720	1,717	877	747	1,624
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	443	188	631	300	125	425	174	114	288
24. Other building construction .....	981	393	1,374	2,840	753	3,593	3,361	1,130	4,491
<b>Total engineering construction .....</b>	<b>282,080</b>	<b>74,761</b>	<b>356,841</b>	<b>346,497</b>	<b>64,953</b>	<b>411,450</b>	<b>338,821</b>	<b>67,142</b>	<b>405,963</b>
<b>Marine construction .....</b>	<b>82</b>	<b>353</b>	<b>435</b>	<b>770</b>	<b>405</b>	<b>1,175</b>	<b>725</b>	<b>413</b>	<b>1,138</b>
25. Docks, wharves, piers, breakwaters .....	65	65	130	127	113	240	93	111	204
26. Retaining walls, embankments, riprapping .....	16	25	41	15	25	40	632	26	658
27. Canals and waterways .....	—	—	—	628	—	628	—	—	—
28. Dredging and pile driving .....	—	263	263	—	267	267	—	276	276
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	1	—	1	—	—	—	—	—	—

TABLE 26. Alberta - Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>65,298</b>	<b>29,080</b>	<b>94,378</b>	<b>66,108</b>	<b>70,742</b>	<b>86,850</b>	<b>66,521</b>	<b>20,864</b>	<b>87,385</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	41,583	20,734	62,317	36,969	11,022	47,991	38,871	11,157	50,028
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	11,805	7,440	19,245	14,821	8,039	22,860	13,906	8,000	21,906
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,881	402	3,283	337	257	594	338	243	581
35. Grading, scraping, oiling, filling .....	3,557	14	3,571	9,010	880	9,890	8,598	874	9,472
36. Sidewalks, paths .....	3,261	399	3,660	2,877	445	3,322	2,880	482	3,362
37. Aerodromes, landing fields, runways, tarmac .....	2,211	91	2,302	2,094	99	2,193	1,928	108	2,036
<b>Waterworks and sewage systems</b> .....	<b>14,368</b>	<b>3,841</b>	<b>18,209</b>	<b>12,824</b>	<b>3,011</b>	<b>15,835</b>	<b>15,637</b>	<b>3,447</b>	<b>19,084</b>
38. Tile drains, drainage ditches, storm sewers .....	54	68	122	259	151	410	599	71	670
39. Water mains, hydrants and services .....	5,229	1,870	7,099	4,615	1,670	6,285	5,360	1,895	7,255
40. Sewage systems and connections .....	8,836	1,779	10,615	7,775	1,106	8,881	8,499	1,344	9,843
41. Pumping stations, water .....	246	120	366	175	77	252	1,179	120	1,299
42. Water storage tanks .....	3	4	7	—	7	7	—	17	17
<b>Dams and irrigation</b> .....	<b>7,940</b>	<b>1,206</b>	<b>9,146</b>	<b>6,533</b>	<b>1,231</b>	<b>7,764</b>	<b>6,119</b>	<b>1,312</b>	<b>7,431</b>
43. Dams and reservoirs .....	3,806	295	4,101	3,287	290	3,577	3,067	303	3,370
44. Irrigation and land reclamation projects .....	4,134	911	5,045	3,246	941	4,187	3,052	1,009	4,061
<b>Electric power construction</b> .....	<b>18,792</b>	<b>3,424</b>	<b>22,216</b>	<b>17,731</b>	<b>3,282</b>	<b>21,013</b>	<b>22,154</b>	<b>3,191</b>	<b>25,345</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,436	486	5,922	6,119	504	6,623	6,974	568	7,542
46. Electric transformer stations .....	1,456	237	1,693	1,289	252	1,541	3,149	229	3,378
47. Power transmission and distribution lines, trolley wires .....	8,941	2,175	11,116	7,720	2,070	9,790	9,275	1,889	11,164
48. Street lighting .....	2,959	526	3,485	2,603	456	3,059	2,756	505	3,261
<b>Railway, telephone and telegraph</b> .....	<b>18,360</b>	<b>14,101</b>	<b>32,461</b>	<b>23,484</b>	<b>14,382</b>	<b>37,866</b>	<b>17,667</b>	<b>15,721</b>	<b>33,388</b>
49. Railway tracks and roadbed .....	11,581	10,900	22,481	14,135	10,692	24,827	10,055	11,896	21,951
50. Signals and interlockers .....	413	618	1,031	1,095	649	1,744	579	736	1,315
51. Telegraph and telephone lines, underground and marine cables	6,366	2,583	8,949	8,254	3,041	11,295	7,033	3,089	10,122
<b>Gas and oil facilities</b> .....	<b>144,735</b>	<b>14,952</b>	<b>159,687</b>	<b>205,697</b>	<b>15,144</b>	<b>220,841</b>	<b>194,782</b>	<b>15,253</b>	<b>210,035</b>
52. Gas mains and services .....	7,913	874	8,787	3,977	851	4,828	3,190	917	4,107
53. Pumping stations, oil .....	1,141	319	1,460	2,228	437	2,665	714	436	1,150
54. Pumping stations, gas .....	325	109	434	267	29	296	6	33	39
55. Oil storage tanks .....	3,041	649	3,690	1,512	303	1,815	1,329	338	1,667
56. Gas storage tanks .....	54	—	54	936	—	936	274	—	274
57. Oil pipe lines .....	7,359	473	7,832	8,778	455	9,233	4,575	445	5,020
58. Gas pipe lines .....	6,915	379	7,294	20,238	310	20,548	16,719	354	17,073
59. Oil wells .....	82,285	5,439	87,724	114,088	6,712	120,800	124,097	6,709	130,806
60. Gas wells .....	16,541	436	16,977	16,049	495	16,544	19,223	604	19,827
61. Oil refinery - Processing units .....	1,526	3,347	4,873	885	2,921	3,806	1,853	3,010	4,863
62. Natural gas cleaning plants .....	17,635	2,927	20,562	36,739	2,631	39,370	22,802	2,407	25,209
<b>Other engineering construction</b> .....	<b>12,505</b>	<b>7,804</b>	<b>20,309</b>	<b>13,350</b>	<b>6,756</b>	<b>20,106</b>	<b>15,216</b>	<b>6,941</b>	<b>22,157</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,142	4,286	11,428	8,495	4,641	13,136	9,396	4,752	14,148
64. Tunnels and subways .....	228	—	228	23	—	23	12	—	12
65. Incinerators .....	24	—	24	23	—	23	21	—	21
66. Park systems, landscaping, sodding, etc. ....	256	650	906	266	459	725	307	479	786
67. Swimming pools, tennis courts, outdoor recreation facilities ....	276	163	439	260	165	425	229	171	400
68. Mine shafts and other below surface workings .....	8	—	8	197	—	197	25	—	25
69. Fences, snowsheds, signs, guard rails .....	2,380	902	3,282	2,381	802	3,183	2,485	896	3,381
70. Other engineering construction .....	2,191	1,803	3,994	1,705	689	2,394	2,741	643	3,384



TABLE 27. British Columbia

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>597,736</b>	<b>162,040</b>	<b>759,776</b>	<b>673,107</b>	<b>157,387</b>	<b>830,494</b>	<b>797,236</b>	<b>171,643</b>	<b>968,879</b>
<b>Total building construction .....</b>	<b>327,293</b>	<b>96,625</b>	<b>423,918</b>	<b>377,887</b>	<b>91,492</b>	<b>469,379</b>	<b>415,504</b>	<b>105,694</b>	<b>521,198</b>
<b>Residential .....</b>	<b>161,800</b>	<b>52,300</b>	<b>214,100</b>	<b>207,700</b>	<b>55,500</b>	<b>263,200</b>	<b>231,200</b>	<b>69,900</b>	<b>301,100</b>
<b>Industrial .....</b>	<b>37,997</b>	<b>13,024</b>	<b>51,021</b>	<b>38,829</b>	<b>12,406</b>	<b>51,235</b>	<b>48,118</b>	<b>12,456</b>	<b>60,574</b>
2. Factories, plants, workshops, food canneries .....	30,525	11,082	41,607	35,478	10,436	45,914	41,519	10,264	51,783
3. Mine and mine mill buildings .....	6,222	346	6,568	1,564	282	1,846	4,826	288	5,114
4. Railway stations, offices, roadway buildings .....	940	1,262	2,202	1,226	1,290	2,516	1,395	1,438	2,833
5. Railway shops, engine houses, water and fuel stations .....	310	334	644	561	398	959	378	466	844
<b>Commercial .....</b>	<b>45,780</b>	<b>15,066</b>	<b>60,846</b>	<b>56,800</b>	<b>12,365</b>	<b>69,165</b>	<b>58,525</b>	<b>12,110</b>	<b>70,635</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,876	2,000	5,876	8,947	2,196	11,143	5,818	2,110	7,928
7. Grain elevators .....	78	93	171	34	132	166	74	115	189
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,236	1,665	7,901	6,281	1,094	7,375	5,250	1,064	6,314
9. Office buildings .....	14,691	4,958	19,649	13,758	2,679	16,437	19,619	2,847	22,466
10. Stores, retail and wholesale .....	12,730	2,558	15,288	14,566	2,251	16,817	16,131	2,385	18,516
11. Garages and service stations .....	2,337	1,143	3,480	6,786	1,177	7,963	6,878	1,130	8,008
12. Theatres, arenas, amusement and recreational buildings .....	5,739	2,283	8,022	5,959	2,462	8,421	4,691	2,379	7,070
13. Laundries and dry cleaning establishments .....	93	366	459	469	374	843	64	80	144
<b>Institutional .....</b>	<b>57,925</b>	<b>9,996</b>	<b>67,921</b>	<b>53,224</b>	<b>4,851</b>	<b>58,075</b>	<b>55,527</b>	<b>4,893</b>	<b>60,420</b>
14. Schools and other educational buildings .....	38,454	5,230	43,684	36,371	2,884	39,255	36,206	3,407	39,613
15. Churches and other religious buildings .....	3,980	203	4,183	3,856	701	4,557	3,361	197	3,558
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,505	2,485	13,990	11,567	1,124	12,691	14,120	1,109	15,229
17. Other institutional buildings .....	3,986	2,078	6,064	1,430	142	1,572	1,840	180	2,020
<b>Other building construction .....</b>	<b>23,791</b>	<b>6,239</b>	<b>30,030</b>	<b>21,334</b>	<b>6,370</b>	<b>27,704</b>	<b>22,134</b>	<b>6,335</b>	<b>28,469</b>
18. Farm buildings (excluding dwellings) .....	10,233	2,701	12,934	9,590	2,531	12,121	10,798	2,846	13,644
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6,486	259	6,745	5,175	275	5,450	3,339	258	3,597
20. Aeroplane hangars .....	109	90	199	94	263	357	106	177	283
21. Passenger terminals, bus, boat or air .....	814	275	1,089	684	119	803	736	169	905
22. Armouries, barracks, drill halls, etc. ....	2,177	1,059	3,236	1,849	1,082	2,931	1,985	1,119	3,104
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,293	1,242	3,535	2,493	1,387	3,880	2,067	1,133	3,200
24. Other building construction .....	1,679	613	2,292	1,449	713	2,162	3,103	633	3,736
<b>Total engineering construction .....</b>	<b>270,443</b>	<b>65,415</b>	<b>335,858</b>	<b>295,220</b>	<b>65,895</b>	<b>361,115</b>	<b>381,732</b>	<b>65,949</b>	<b>447,681</b>
<b>Marine construction .....</b>	<b>5,423</b>	<b>2,984</b>	<b>8,407</b>	<b>6,176</b>	<b>3,331</b>	<b>9,507</b>	<b>11,061</b>	<b>3,167</b>	<b>14,228</b>
25. Docks, wharves, piers, breakwaters .....	3,593	1,680	5,273	4,297	1,872	6,169	7,327	1,935	9,262
26. Retaining walls, embankments, riprapping .....	112	32	144	50	253	303	958	4	962
27. Canals and waterways .....	119	49	168	121	46	167	127	74	201
28. Dredging and pile driving .....	585	1,005	1,590	643	973	1,616	1,645	909	2,554
29. Dyke construction .....	2	7	9	—	3	3	—	74	74
30. Logging booms .....	275	186	461	234	102	336	210	115	325
31. Other marine construction .....	737	25	762	831	82	913	794	56	850



TABLE 27. British Columbia — Concluded

Type of structure	1962			1963			1964		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction .....</b>	<b>84,352</b>	<b>23,057</b>	<b>107,409</b>	<b>95,411</b>	<b>22,777</b>	<b>118,188</b>	<b>84,002</b>	<b>21,306</b>	<b>105,308</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	21,235	6,578	27,813	25,251	5,776	31,027	22,892	5,866	28,758
33. Gravel or stone streets, highways, roads, parking lots, etc.....	43,173	3,086	46,259	49,544	13,026	62,570	41,281	11,548	52,829
34. Dirt, clay or other streets, roads, parking lots, etc. ....	12,065	12,355	24,420	8,026	2,919	10,945	8,638	2,835	11,473
35. Grading, scraping, oiling, filling .....	2,285	352	2,637	7,655	368	8,023	6,311	372	6,683
36. Sidewalks, paths .....	2,320	629	2,949	2,171	634	2,805	1,904	629	2,533
37. Aerodromes, landing fields, runways, tarmac .....	3,274	57	3,331	2,764	54	2,818	2,976	56	3,032
<b>Waterworks and sewage systems.....</b>	<b>29,774</b>	<b>4,430</b>	<b>34,204</b>	<b>23,036</b>	<b>6,317</b>	<b>29,353</b>	<b>25,668</b>	<b>6,398</b>	<b>32,066</b>
39. Tile drains, drainage ditches, storm sewers.....	117	355	472	141	330	471	134	339	473
39. Water mains, hydrants and services .....	11,342	2,413	13,755	6,940	2,497	9,437	8,811	2,488	11,299
40. Sewage systems and connections .....	17,335	1,436	18,771	14,628	3,316	17,944	15,549	3,419	18,968
41. Pumping stations, water.....	857	155	1,012	1,189	109	1,298	1,076	106	1,182
42. Water storage tanks .....	123	71	194	138	65	203	98	46	144
<b>Dams and irrigation .....</b>	<b>5,341</b>	<b>292</b>	<b>5,633</b>	<b>30,217</b>	<b>279</b>	<b>30,496</b>	<b>41,878</b>	<b>280</b>	<b>42,158</b>
43. Dams and reservoirs .....	4,604	124	4,728	28,923	120	29,043	40,127	98	40,225
44. Irrigation and land reclamation projects .....	737	168	905	1,294	159	1,453	1,751	182	1,933
<b>Electric power construction .....</b>	<b>37,273</b>	<b>7,007</b>	<b>44,280</b>	<b>34,650</b>	<b>5,928</b>	<b>40,578</b>	<b>49,295</b>	<b>6,267</b>	<b>55,562</b>
45. Electric power generating plants, including water conveying and controlling structures .....	19,273	1,844	21,117	4,321	1,263	5,584	4,879	1,278	6,157
46. Electric transformer stations .....	242	292	534	634	141	775	1,046	185	1,231
47. Power transmission and distribution lines, trolley wires .....	15,931	3,942	19,873	28,074	3,603	31,677	42,016	3,842	45,858
48. Street lighting .....	1,827	929	2,756	1,621	921	2,542	1,354	962	2,316
<b>Railway, telephone and telegraph .....</b>	<b>23,184</b>	<b>16,491</b>	<b>39,675</b>	<b>29,886</b>	<b>16,525</b>	<b>46,411</b>	<b>38,104</b>	<b>18,064</b>	<b>56,168</b>
49. Railway tracks and roadbed.....	14,498	12,171	26,669	19,485	12,845	32,330	25,458	13,864	39,322
50. Signals and interlockers.....	500	646	1,146	777	743	1,520	988	823	1,811
51. Telegraph and telephone lines, underground and marine cables	8,186	3,674	11,860	9,624	2,937	12,561	11,658	3,377	15,035
<b>Gas and oil facilities .....</b>	<b>44,969</b>	<b>4,091</b>	<b>49,060</b>	<b>38,201</b>	<b>4,120</b>	<b>42,321</b>	<b>85,567</b>	<b>3,765</b>	<b>89,332</b>
52. Gas mains and services .....	4,393	287	4,680	5,519	327	5,846	6,340	361	6,701
53. Pumping stations, oil .....	237	106	343	192	206	398	59	136	195
54. Pumping stations, gas .....	1,460	100	1,560	414	1	415	639	—	639
55. Oil storage tanks .....	1,207	556	1,763	1,808	496	2,304	1,548	346	1,894
56. Gas storage tanks .....	138	—	138	10	3	13	20	2	22
57. Oil pipe lines.....	1,875	448	2,323	1,224	419	1,643	287	339	626
58. Gas pipe lines .....	3,162	244	3,406	210	155	365	41,029	162	41,191
59. Oil wells.....	23,440	264	23,704	17,425	513	17,938	14,838	496	15,334
60. Gas wells .....	7,046	20	7,066	10,120	50	10,170	9,491	23	9,514
61. Oil refinery — Processing units .....	1,634	2,066	3,700	1,125	1,950	3,075	953	1,900	2,853
62. Natural gas cleaning plants.....	377	—	377	154	—	154	10,363	—	10,363
<b>Other engineering construction .....</b>	<b>40,127</b>	<b>7,063</b>	<b>47,190</b>	<b>37,643</b>	<b>6,618</b>	<b>44,261</b>	<b>46,157</b>	<b>6,702</b>	<b>52,859</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	29,338	3,564	32,902	25,415	3,813	29,228	20,163	3,625	23,788
64. Tunnels and subways .....	152	—	152	98	—	98	85	—	85
65. Incinerators .....	23	—	23	27	4	31	21	4	25
66. Park systems, landscaping, sodding, etc.....	330	282	612	348	279	627	492	268	760
67. Swimming pools, tennis courts, outdoor recreation facilities ..	300	55	355	670	418	1,088	415	455	870
68. Mine shafts and other below surface workings .....	2,359	197	2,556	3,438	66	3,504	6,181	169	6,350
69. Fences, snowsheds, signs, guard rails .....	1,022	1,060	2,082	950	642	1,592	973	735	1,708
70. Other engineering construction .....	6,603	1,905	8,508	6,697	1,396	8,093	17,827	1,446	19,273

## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insur-

ance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value done by construction contractors.

Of the total value of construction shown, 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1964".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1961 of all the firms in each industry by the corresponding 1961 total for the firms reporting in the 1964 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1961 and 1964 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1963 preliminary actual figures and the 1964 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1963 to 1964 can be calculated with more precision than the absolute magnitude of expenditures in the two years.



Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1962 and 1963, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1964 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 5,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1963.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1962 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1962 to 1964. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1963 and 1964 an average annual earnings figure was computed from 1962, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.





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## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1963 and 1964 and provides estimates of the intended program for 1965. The information given for 1964 is preliminary whereas that shown for 1963 and earlier is final. The probable volume of construction that will be realized in 1965 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-response for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of each type of structure also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected by D.B.S. at the same time and from the same

sources as for the publication "Private and Public Investment in Canada, Outlook 1965", which was issued earlier this year as a joint project of DBS and the Economics Branch of the Department of Trade and Commerce. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail. Separate estimates are provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on cost of material used and on labour content in terms of numbers of persons and value. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Construction in Canada is expected to reach the record level of \$9.8 billion in 1965, a 13 per cent increase over the \$8.6 billion estimated for 1964. The intended 1965 spending on new construction, at \$8,072 million, will be 15 per cent higher than the 1964 total of \$7,012 million; the repair construction, amounting to \$1,734 million, will be up by 6 per cent.

Significant strength is indicated for 1965 in commercial and institutional building construction in value terms and also in percentage terms relative to 1964. Residential construction is also expected to increase during the current year with a gain of 10 per cent following a 15 per cent expansion during 1964. Expenditures for engineering construction will be up by about 10 per cent in 1965 with a greatly expanded programme for roads and bridges,

further increases in expenditures on structures in electric power developments, and additions to municipal water works and sewage systems.

The reported plans for construction in 1965 show the largest year-over-year percentage increase since 1956 in terms of current dollars. While the equivalent figures in constant 1957 dollars are not available for 1965, the increase in volume during this year could well exceed the 1964 gain in volume which was the highest on record following 1956. The realization of these aims in outlays on construction could be affected by a number of factors which would cause an enlargement or contraction of the programme; for example, the cost and availability of funds, weather, work stoppages, availability of labour and materials, and other circumstances.

Year	Total new and repair construction	To change over previous year in	
		Value	Volume
1956 .....	6,454	21.6	15.8
1957 .....	7,023	8.8	5.1
1958 .....	7,092	1.0	1.0
1959 .....	7,077	- 0.2	- 3.5
1960 .....	6,886	- 2.7	- 4.7
1961 .....	6,974	1.3	2.1
1962 .....	7,296	4.6	2.0
1963 .....	7,716	5.8	2.1
1964 .....	8,653	12.1	8.3
1965 .....	9,806	13.3	—

# VALUE OF CONSTRUCTION WORK PERFORMED

TABLE 1. Current and Constant Dollars, 1956-65<sup>1</sup>

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars							
1956 .....	5,272	5,444	1,182	1,236	6,454	6,680	21.1	21.2
1957 .....	5,785	5,785	1,238	1,238	7,023	7,023	22.0	22.0
1958 .....	5,831	5,868	1,261	1,230	7,092	7,098	21.6	22.0
1959 .....	5,710	5,556	1,367	1,290	7,077	6,846	20.3	20.5
1960 .....	5,454	5,223	1,432	1,301	6,886	6,524	19.0	19.1
1961 .....	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962 .....	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.3
1963 .....	6,157	5,623	1,559	1,316	7,716	6,939	17.9	17.9
1964 .....	7,012	6,189	1,641	1,328	8,653	7,517	—	—
1965 .....	8,072	—	1,734	—	9,806	—	—	—

<sup>1</sup> Actual 1956-63, preliminary 1964, intentions 1965.

TABLE 2. By Contractors and Others, 1961-65<sup>1,2</sup>

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1961 .....	4,621	726	5,347	897	730	1,627	5,518	1,456	6,974
1962 .....	4,900	810	5,710	887	699	1,586	5,787	1,509	7,296
1963 .....	5,213	821	6,034	944	738	1,682	6,157	1,559	7,716
1964 .....	6,061	902	6,963	951	739	1,690	7,012	1,641	8,653
1965 .....	7,119	1,006	8,125	953	728	1,681	8,072	1,734	9,806

<sup>1</sup> Actual 1961-63, preliminary 1964, intentions 1965.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

TABLE 3. By Principal Types of Construction, 1961-65<sup>1,2</sup>

	1961		1962		1963		1964		1965	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total construction</b> .....	<b>6,974</b>	<b>100.0</b>	<b>7,296</b>	<b>100.0</b>	<b>7,716</b>	<b>100.0</b>	<b>8,653</b>	<b>100.0</b>	<b>9,806</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup></b> .....	<b>4,143</b>	<b>59.4</b>	<b>4,543</b>	<b>62.3</b>	<b>4,692</b>	<b>60.8</b>	<b>5,127</b>	<b>59.3</b>	<b>5,930</b>	<b>60.5</b>
Residential .....	1,951	28.0	2,100	28.8	2,257	29.2	2,604	30.1	2,856	29.2
Industrial .....	411	5.9	492	6.7	535	6.9	663	7.7	699	7.1
Commercial .....	755	10.8	719	9.9	737	9.6	793	9.2	1,052	10.7
Institutional .....	647	9.3	827	11.3	857	11.1	757	8.7	983	10.0
Other building .....	379	5.4	405	5.6	306	4.0	310	3.6	340	3.5
<b>Total engineering<sup>2</sup></b> .....	<b>2,831</b>	<b>40.6</b>	<b>2,753</b>	<b>37.7</b>	<b>3,024</b>	<b>39.2</b>	<b>3,526</b>	<b>40.7</b>	<b>3,876</b>	<b>39.5</b>
Marine .....	121	1.7	85	1.2	61	0.8	90	1.0	112	1.1
Road highway and aerodrome construction .....	750	10.8	803	11.0	846	10.9	1,044	12.1	1,153	11.8
Waterworks and sewage systems .....	223	3.2	228	3.1	266	3.4	295	3.4	326	3.3
Dams and irrigation .....	78	1.1	93	1.3	85	1.1	131	1.5	145	1.5
Electric power construction .....	411	5.9	454	6.2	493	6.4	573	6.6	684	7.0
Railway, telephone and telegraph construction .....	384	5.5	373	5.1	406	5.3	431	5.0	441	4.5
Gas and oil facilities .....	520	7.5	416	5.7	500	6.5	553	6.4	483	4.9
Other engineering construction .....	344	4.9	301	4.1	367	4.8	409	4.7	531	5.4

<sup>1</sup> Actual 1961-63, preliminary 1964, intentions 1965.

<sup>2</sup> Estimates for types of structures in agriculture have been compiled for 1963, 1964 and 1965 on the basis of more recent related information and are, therefore, not comparable with data for types of structures in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10, and Tables 18 to 27.



TABLE 4. By Principal Type of Construction for Industry and Sector<sup>1,2</sup>

	1963			1964			1965		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals .....</b>	<b>4,692,308</b>	<b>3,023,703</b>	<b>7,716,011</b>	<b>5,126,970</b>	<b>3,525,714</b>	<b>8,652,684</b>	<b>5,930,296</b>	<b>3,875,408</b>	<b>9,805,704</b>
Agriculture and fishing <sup>2</sup> .....	170,962	92,267	263,229	179,172	96,690	275,862	177,717	95,919	273,636
Forestry .....	6,258	36,659	42,917	7,628	43,897	51,525	8,187	45,138	53,325
Mining, quarrying and oil wells ....	99,985	306,314	406,299	118,996	380,410	499,406	76,657	391,494	468,151
Construction .....	13,945	814	14,759	15,634	911	16,545	17,584	1,029	18,613
Manufacturing .....	395,645	99,399	495,044	499,074	85,231	584,305	570,184	113,905	684,089
Utilities .....	130,856	1,260,676	1,391,532	124,822	1,522,667	1,647,489	138,136	1,635,921	1,774,057
Trade-Wholesale and retail .....	167,432	8,948	176,380	164,103	7,092	171,195	186,826	7,632	194,458
Finance, insurance and real estate .....	243,995	4,137	248,132	297,623	2,401	300,024	397,821	4,877	402,698
Commercial services .....	114,584	1,919	116,503	109,308	10,248	119,556	211,962	32,132	244,094
Housing .....	2,257,400	—	2,257,400	2,604,500	—	2,604,500	2,856,000	—	2,856,000
Institutional services .....	813,683	3,415	817,098	704,698	6,140	710,838	911,127	8,032	919,159
Government departments .....	277,563	1,209,155	1,486,718	301,412	1,370,027	1,671,439	378,095	1,539,329	1,917,424

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.TABLE 5. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector<sup>1,2</sup>

	Change 1963 to 1964						Change 1964 to 1965					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>435</b>	<b>9.3</b>	<b>502</b>	<b>16.6</b>	<b>937</b>	<b>12.1</b>	<b>803</b>	<b>15.7</b>	<b>350</b>	<b>9.9</b>	<b>1,153</b>	<b>13.3</b>
Agriculture and fishing <sup>2</sup> .....	8	4.8	4	4.8	13	4.8	- 1	- 0.8	- 1	- 0.8	- 2	- 0.8
Forestry .....	1	21.9	7	19.7	9	20.1	1	7.3	1	2.8	2	3.5
Mining, quarrying and oil wells .....	19	19.0	74	24.2	93	22.7	- 42	- 35.6	11	2.9	- 31	- 6.3
Construction .....	2	12.1	—	11.9	2	12.1	2	12.5	—	13.0	2	12.5
Manufacturing .....	103	26.1	- 14	- 14.3	89	18.0	71	14.2	29	33.6	100	17.1
Utilities .....	- 6	- 4.6	262	20.8	256	18.4	13	10.7	113	7.4	127	7.7
Trade-Wholesale and retail .....	- 3	- 2.0	- 2	- 20.7	- 5	- 2.9	23	13.8	1	7.6	23	13.6
Finance, insurance and real estate .....	54	22.0	- 2	- 42.0	52	20.9	100	33.7	2	103.1	103	34.2
Commercial services .....	- 5	- 4.6	8	434.0	3	2.6	103	93.9	22	213.5	125	104.2
Housing .....	347	15.4	—	—	347	15.4	252	9.7	—	—	252	9.7
Institutional services .....	- 109	- 13.4	3	79.8	- 106	- 13.0	206	29.3	2	30.8	208	29.3
Government departments .....	24	8.6	161	13.3	185	12.4	77	25.4	169	12.4	246	14.7

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.

TABLE 6. By Type of Structure, Total 1961 - 65<sup>1,2</sup>

Type of structure	1961	1962	1963	1964	1965
thousands of dollars					
<b>Total value of construction</b> .....	<b>6, 974, 379</b>	<b>7, 296, 039</b>	<b>7, 716, 011</b>	<b>8, 652, 684</b>	<b>9, 805, 704</b>
<b>Total building construction</b> .....	<b>4, 143, 170</b>	<b>4, 542, 935</b>	<b>4, 692, 308</b>	<b>5, 126, 970</b>	<b>5, 930, 296</b>
<b>Residential</b> .....	<b>1, 951, 000</b>	<b>2, 100, 000</b>	<b>2, 257, 400</b>	<b>2, 604, 500</b>	<b>2, 856, 000</b>
<b>Industrial</b> .....	<b>410, 868</b>	<b>491, 595</b>	<b>535, 610</b>	<b>662, 541</b>	<b>699, 172</b>
2. Factories, plants, workshops, food canneries .....	318, 894	372, 828	409, 822	518, 076	590, 789
3. Mine and mine mill buildings .....	57, 576	83, 183	86, 636	105, 330	68, 522
4. Railway stations, offices, roadway buildings .....	22, 904	23, 834	26, 890	24, 714	25, 675
5. Railway shops, engine houses, water and fuel stations .....	11, 494	11, 750	12, 262	14, 421	14, 186
<b>Commercial</b> .....	<b>754, 639</b>	<b>719, 500</b>	<b>736, 922</b>	<b>792, 778</b>	<b>1, 051, 688</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	65, 241	62, 539	70, 653	80, 710	82, 595
7. Grain elevators .....	28, 101	29, 295	21, 200	17, 295	15, 217
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	46, 568	47, 480	67, 031	69, 687	113, 530
9. Office buildings .....	351, 877	323, 933	296, 283	348, 636	461, 668
10. Stores, retail and wholesale .....	164, 757	164, 164	171, 686	175, 027	212, 630
11. Garages and service stations .....	44, 069	36, 098	45, 953	45, 879	53, 968
12. Theatres, arenas, amusement and recreational buildings .....	51, 416	53, 268	61, 107	52, 618	109, 878
13. Laundries and dry cleaning establishments .....	2, 630	2, 723	3, 009	2, 926	2, 202
<b>Institutional</b> .....	<b>647, 056</b>	<b>827, 313</b>	<b>856, 631</b>	<b>756, 984</b>	<b>983, 112</b>
14. Schools and other educational buildings .....	360, 968	537, 180	577, 584	470, 890	618, 683
15. Churches and other religious buildings .....	68, 705	61, 210	53, 973	54, 501	58, 213
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	179, 382	189, 903	180, 746	183, 126	221, 820
17. Other institutional buildings .....	38, 001	39, 020	44, 328	48, 467	84, 396
<b>Other building construction</b> .....	<b>379, 587</b>	<b>404, 527</b>	<b>305, 745</b>	<b>310, 167</b>	<b>340, 324</b>
18. Farm buildings (excluding dwellings) .....	211, 739	232, 922	175, 611	183, 060	181, 913
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	69, 464	64, 505	48, 341	37, 068	38, 012
20. Aeroplane hangars .....	8, 633	6, 949	5, 624	5, 749	6, 490
21. Passenger terminals, bus, boat or air .....	22, 829	30, 245	22, 099	21, 669	34, 248
22. Armouries, barracks, drill halls, etc. ....	24, 298	27, 196	17, 529	17, 811	19, 424
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	16, 232	19, 288	13, 506	14, 160	21, 884
24. Other building construction .....	26, 392	23, 422	23, 035	30, 650	38, 353
<b>Total engineering construction</b> .....	<b>2, 831, 209</b>	<b>2, 753, 104</b>	<b>3, 023, 703</b>	<b>3, 525, 714</b>	<b>3, 875, 408</b>
<b>Marine construction</b> .....	<b>120, 843</b>	<b>84, 996</b>	<b>60, 569</b>	<b>89, 667</b>	<b>112, 474</b>
25. Docks, wharves, piers, breakwaters .....	77, 080	57, 831	37, 517	54, 118	56, 397
26. Retaining walls, embankments, riprapping .....	2, 292	2, 702	6, 154	18, 210	21, 550
27. Canals and waterways .....	10, 470	9, 511	3, 064	4, 460	18, 930
28. Dredging and pile driving .....	23, 928	11, 192	7, 706	7, 618	8, 309
29. Dyke construction .....	1, 081	716	2, 069	48	90
30. Logging booms .....	965	960	718	751	1, 748
31. Other marine construction .....	5, 027	2, 084	3, 341	4, 462	5, 450

See footnotes at end of table.

TABLE 6. By Type of Structure, Total, 1961-65<sup>1,2</sup> - Concluded

Type of structure	1961	1962	1963	1964	1965
thousands of dollars					
<b>Road, highway and aerodrome construction</b> .....	<b>750,170</b>	<b>802,711</b>	<b>846,080</b>	<b>1,043,562</b>	<b>1,153,353</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	461,738	512,782	493,080	761,231	871,781
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	170,396	165,289	236,438	167,723	169,219
34. Dirt, clay or other streets, roads, parking lots, etc. ....	39,227	43,785	35,210	34,209	36,674
35. Grading, scraping, oiling, filling .....	27,535	30,336	35,553	36,053	26,645
36. Sidewalks, paths .....	22,275	26,858	26,181	25,127	26,808
37. Aerodromes, landing fields, runways, tarmac .....	28,999	23,661	19,618	19,219	22,226
<b>Waterworks and sewage systems</b> .....	<b>223,152</b>	<b>227,615</b>	<b>266,330</b>	<b>294,575</b>	<b>325,738</b>
38. Tile drains, drainage ditches, storm sewers .....	7,082	5,434	25,224	27,515	27,885
39. Water mains, hydrants and services .....	77,034	87,127	91,111	97,767	126,605
40. Sewage systems and connections .....	122,685	122,430	132,340	145,658	136,882
41. Pumping stations, water .....	14,116	8,689	10,450	17,659	23,806
42. Water storage tanks .....	2,235	3,935	7,205	5,976	10,560
<b>Dams and irrigation</b> .....	<b>78,351</b>	<b>93,317</b>	<b>84,993</b>	<b>131,268</b>	<b>145,008</b>
43. Dams and reservoirs .....	60,018	72,547	60,680	100,551	114,404
44. Irrigation and land reclamation projects .....	18,333	20,770	24,313	30,717	30,604
<b>Electric power construction</b> .....	<b>411,381</b>	<b>454,338</b>	<b>492,511</b>	<b>572,752</b>	<b>683,536</b>
45. Electric power generating plants, including water conveying and controlling structures .....	197,121	217,572	220,776	201,090	274,909
46. Electric transformer stations .....	33,237	32,119	42,206	93,448	94,967
47. Power transmission and distribution lines, trolley wires .....	159,854	185,563	207,765	257,723	292,375
48. Street lighting .....	21,169	19,084	21,764	20,491	21,285
<b>Railway, telephone and telegraph</b> .....	<b>384,023</b>	<b>372,889</b>	<b>406,165</b>	<b>431,243</b>	<b>441,420</b>
49. Railway tracks and roadbed .....	231,571	211,252	231,139	247,495	237,666
50. Signals and interlockers .....	16,104	13,943	18,080	18,139	17,743
51. Telegraph and telephone lines, underground and marine cables .....	136,348	147,694	156,946	165,609	186,011
<b>Gas and oil facilities</b> .....	<b>519,526</b>	<b>416,096</b>	<b>499,962</b>	<b>553,476</b>	<b>483,177</b>
52. Gas mains and services .....	56,542	67,880	69,429	53,029	48,661
53. Pumping stations, oil .....	3,228	3,054	4,153	4,767	7,676
54. Pumping stations, gas .....	13,773	25,423	30,831	33,250	14,579
55. Oil storage tanks .....	20,774	16,395	16,237	17,049	12,272
56. Gas storage tanks .....	909	967	1,413	1,762	1,346
57. Oil pipe lines .....	42,957	16,930	25,362	22,539	23,907
58. Gas pipe lines .....	95,260	23,778	53,705	100,568	42,609
59. Oil wells .....	121,147	138,067	162,407	189,317	181,769
60. Gas wells .....	46,422	25,257	26,781	32,013	31,806
61. Oil refinery - Processing units <sup>3</sup> .....	48,229	77,406	65,805	50,326	82,546
62. Natural gas cleaning plants .....	70,285	20,939	43,839	48,856	36,006
<b>Other engineering construction</b> .....	<b>343,763</b>	<b>301,142</b>	<b>367,093</b>	<b>409,171</b>	<b>530,702</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	207,566	166,886	202,342	174,046	209,833
64. Tunnels and subways .....	19,261	17,580	31,853	70,847	76,414
65. Incinerators .....	403	594	393	59	61
66. Park systems, landscaping, sodding, etc. ....	10,377	11,450	15,664	7,738	11,226
67. Swimming pools, tennis courts, outdoor recreation facilities .....	6,262	7,353	4,877	6,019	5,562
68. Mine shafts and other below surface workings .....	31,821	34,497	36,830	41,635	57,046
69. Fences, snowsheds, signs, guard rails .....	24,747	24,791	38,561	36,026	36,296
70. Other engineering construction .....	43,326	37,991	36,573	72,801	134,264

<sup>1</sup> Actual 1961-63, preliminary 1964, intentions 1965.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61, "Oil refinery-processing units" includes related structures employed in production of petrochemicals.



LABOUR CONTENT AND COST OF MATERIALS USED, 1961 - 65<sup>1</sup>

TABLE 7. By Provinces

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
Canada:				
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	523,909	2,560,877	3,736,494	7,716,011
1964 .....	567,093	2,839,999	4,172,417	8,652,684
1965 .....	637,051	3,195,726	4,750,585	9,805,704
Newfoundland:				
1961 .....	13,462	55,022	77,575	169,491
1962 .....	14,462	66,792	88,646	199,786
1963 .....	12,318	56,189	86,780	185,215
1964 .....	12,447	57,228	88,995	195,350
1965 .....	10,932	50,859	77,281	168,851
Prince Edward Island:				
1961 .....	3,160	9,844	15,649	32,254
1962 .....	3,047	11,414	19,166	38,741
1963 .....	3,418	11,812	17,872	38,326
1964 .....	3,051	10,616	15,733	34,433
1965 .....	3,155	11,021	16,377	35,636
Nova Scotia:				
1961 .....	20,841	73,537	94,800	204,845
1962 .....	17,283	67,817	98,412	205,146
1963 .....	18,027	70,387	104,013	213,108
1964 .....	17,967	72,024	107,036	219,282
1965 .....	22,700	91,442	141,419	285,971
New Brunswick:				
1961 .....	15,003	51,688	80,039	157,243
1962 .....	13,972	52,142	77,604	155,321
1963 .....	14,153	51,909	80,906	158,523
1964 .....	16,837	63,276	99,528	197,670
1965 .....	20,280	76,439	121,336	243,498
Quebec:				
1961 .....	135,116	566,190	860,458	1,732,739
1962 .....	138,031	632,002	948,708	1,890,669
1963 .....	136,121	638,013	1,006,379	1,963,920
1964 .....	154,346	744,577	1,182,415	2,337,245
1965 .....	180,367	874,513	1,398,703	2,778,374
Ontario:				
1961 .....	172,666	801,021	1,077,333	2,294,781
1962 .....	176,792	853,319	1,176,478	2,448,295
1963 .....	174,273	897,700	1,262,568	2,620,182
1964 .....	182,754	959,498	1,362,375	2,816,060
1965 .....	208,145	1,098,049	1,577,175	3,249,129
Manitoba:				
1961 .....	29,020	128,903	177,085	369,662
1962 .....	27,098	124,109	174,007	361,112
1963 .....	28,511	136,672	187,082	402,922
1964 .....	30,445	148,681	206,950	441,687
1965 .....	31,378	152,425	214,854	452,875

<sup>1</sup> Actual 1961-63, preliminary 1964, intentions 1965.

TABLE 7. By Provinces - Concluded

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
		thousands of dollars		
Saskatchewan:				
1961 .....	28,528	127,292	175,534	383,021
1962 .....	30,080	140,254	200,247	416,984
1963 .....	30,997	144,766	213,237	444,621
1964 .....	31,727	151,511	223,911	467,005
1965 .....	33,834	161,421	239,619	499,048
Alberta:				
1961 .....	60,453	270,128	386,068	876,719
1962 .....	55,669	263,049	373,472	820,209
1963 .....	53,730	270,534	391,461	861,795
1964 .....	55,403	286,492	413,425	918,707
1965 .....	58,975	305,377	445,099	981,990
British Columbia:				
1961 .....	52,605	265,604	328,972	753,624
1962 .....	52,487	264,772	350,998	759,776
1963 .....	52,361	282,895	386,196	827,399
1964 .....	62,116	346,096	472,049	1,025,245
1965 .....	67,274	374,180	518,722	1,110,332

TABLE 8. By Contractors and Others<sup>1</sup>

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
Total:				
1961 .....	530,854	2,349,229	3,273,513	6,974,379
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	523,909	2,560,877	3,736,494	7,716,011
1964 .....	567,083	2,839,999	4,172,417	8,652,684
1965 .....	637,051	3,195,726	4,750,585	9,805,704
Contractors:				
1961 .....	358,112	1,655,512	2,552,390	5,347,557
1962 .....	381,526	1,803,234	2,809,407	5,709,666
1963 .....	377,040	1,876,434	2,967,999	6,033,670
1964 .....	422,097	2,152,770	3,399,663	6,963,443
1965 .....	492,763	2,512,199	3,979,475	8,124,909
Utilities:				
1961 .....	65,149	319,510	365,810	748,290
1962 .....	64,981	327,132	377,500	763,298
1963 .....	63,363	325,283	433,769	805,581
1964 .....	61,947	324,549	432,381	803,308
1965 .....	61,842	324,100	431,824	802,251
Governments:				
1961 .....	71,833	220,089	173,029	497,272
1962 .....	53,434	216,760	161,775	492,320
1963 .....	51,691	214,290	153,309	506,306
1964 .....	50,643	212,898	151,852	501,472
1965 .....	49,726	208,793	148,501	490,164
Others:				
1961 .....	35,760	154,118	182,284	381,260
1962 .....	28,980	128,544	159,056	330,755
1963 .....	31,815	144,870	181,417	370,454
1964 .....	32,406	149,782	188,521	384,461
1965 .....	32,719	150,634	190,785	388,380

<sup>1</sup> Actual 1961-63, preliminary 1964, intentions 1965.

VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1963-65<sup>1</sup>

TABLE 9. By Type of Structure, New and Repair<sup>2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>6,156,728</b>	<b>1,559,283</b>	<b>7,716,011</b>	<b>7,012,096</b>	<b>1,640,588</b>	<b>8,652,684</b>	<b>8,072,027</b>	<b>1,733,677</b>	<b>9,805,704</b>
<b>Total building construction.....</b>	<b>3,734,503</b>	<b>957,805</b>	<b>4,692,308</b>	<b>4,131,468</b>	<b>995,502</b>	<b>5,126,970</b>	<b>4,884,197</b>	<b>1,046,099</b>	<b>5,930,296</b>
<b>Residential.....</b>	<b>1,713,400</b>	<b>544,000</b>	<b>2,257,400</b>	<b>2,027,500</b>	<b>577,000</b>	<b>2,604,500</b>	<b>2,244,000</b>	<b>612,000</b>	<b>2,856,000</b>
<b>Industrial .....</b>	<b>399,104</b>	<b>136,506</b>	<b>535,610</b>	<b>525,698</b>	<b>136,843</b>	<b>662,541</b>	<b>554,772</b>	<b>144,400</b>	<b>699,172</b>
2. Factories, plants, workshops, food canneries .....	302,667	107,155	409,822	412,046	106,030	518,076	482,255	108,534	590,789
3. Mine and mine mill buildings .....	76,127	10,509	86,636	94,970	10,360	105,330	57,013	11,509	68,522
4. Railway stations, offices, roadway buildings.....	14,435	12,455	26,890	11,095	13,619	24,714	9,371	16,304	25,675
5. Railway shops, engine houses, water and fuel stations .....	5,875	6,387	12,262	7,587	6,834	14,421	6,133	8,053	14,186
<b>Commercial.....</b>	<b>616,927</b>	<b>119,995</b>	<b>736,922</b>	<b>660,752</b>	<b>132,026</b>	<b>792,778</b>	<b>917,159</b>	<b>134,529</b>	<b>1,051,688</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	56,981	13,672	70,653	64,921	15,789	80,710	66,349	16,246	82,595
7. Grain elevators .....	15,303	5,897	21,200	10,646	6,649	17,295	9,191	6,026	15,217
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	54,106	12,925	67,031	56,879	12,808	69,687	99,301	14,229	113,530
9. Office buildings .....	254,399	41,884	296,283	299,692	48,944	348,636	410,652	51,016	461,668
10. Stores, retail and wholesale .....	145,314	26,372	171,686	147,549	27,478	175,027	184,109	28,521	212,630
11. Garages and service stations .....	34,632	11,321	45,953	34,412	11,467	45,879	42,699	11,269	53,968
12. Theatres, arenas, amusement and recreational buildings.....	54,280	6,827	61,107	44,804	7,814	52,618	103,500	6,378	109,878
13. Laundries and drycleaning establishments .....	1,912	1,097	3,009	1,849	1,077	2,926	1,358	844	2,202
<b>Institutional .....</b>	<b>779,621</b>	<b>77,010</b>	<b>856,631</b>	<b>689,578</b>	<b>67,406</b>	<b>756,984</b>	<b>911,054</b>	<b>72,058</b>	<b>983,112</b>
14. Schools and other educational buildings..	543,988	33,596	577,584	437,322	33,568	470,890	583,549	35,134	618,683
15. Churches and other religious buildings ..	46,912	7,061	53,973	47,516	6,985	54,501	49,057	9,156	58,213
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	157,439	23,307	180,746	161,300	21,826	183,126	199,419	22,401	221,820
17. Other institutional buildings.....	31,282	13,046	44,328	43,440	5,027	48,467	79,029	5,367	84,396
<b>Other building construction .....</b>	<b>225,451</b>	<b>80,294</b>	<b>305,745</b>	<b>227,940</b>	<b>82,227</b>	<b>310,167</b>	<b>257,212</b>	<b>83,112</b>	<b>340,324</b>
18. Farm buildings (excluding dwellings) .....	127,017	48,594	175,611	132,272	50,788	183,060	131,476	50,437	181,913
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	42,532	5,809	48,341	32,900	4,168	37,068	33,475	4,537	38,012
20. Aeroplane hangars .....	2,620	3,004	5,624	2,696	3,053	5,749	3,246	3,244	6,490
21. Passenger terminals, bus, boat or air .....	21,685	414	22,099	20,762	907	21,669	33,692	556	34,248
22. Armouries, barracks, drill halls, etc. ....	3,380	14,149	17,529	3,802	14,009	17,811	4,495	14,929	19,424
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	9,551	3,955	13,506	10,006	4,154	14,160	17,900	3,984	21,884
24. Other building construction.....	18,666	4,369	23,035	25,502	5,148	30,650	32,928	5,425	38,353
<b>Total engineering construction.....</b>	<b>2,422,225</b>	<b>601,478</b>	<b>3,023,703</b>	<b>2,880,628</b>	<b>645,086</b>	<b>3,525,714</b>	<b>3,187,830</b>	<b>687,578</b>	<b>3,875,408</b>
<b>Marine construction.....</b>	<b>44,613</b>	<b>15,956</b>	<b>60,569</b>	<b>73,047</b>	<b>16,620</b>	<b>89,667</b>	<b>93,675</b>	<b>18,799</b>	<b>112,474</b>
25. Docks, wharves, piers, breakwaters .....	29,647	7,870	37,517	46,465	7,653	54,118	48,316	8,081	56,397
26. Retaining walls, embankments, riprapping .....	5,050	1,104	6,154	17,907	303	18,210	21,196	354	21,550
27. Canals and waterways .....	2,345	719	3,064	3,085	1,375	4,460	16,587	2,343	18,930
28. Dredging and pile driving .....	2,941	4,765	7,706	2,703	4,915	7,618	3,148	5,161	8,309
29. Dyke construction.....	1,909	160	2,069	13	35	48	15	75	90
30. Logging booms .....	306	412	718	331	420	751	1,028	720	1,748
31. Other marine construction .....	2,415	926	3,341	2,543	1,919	4,462	3,385	2,065	5,450

See footnotes at end of table.



TABLE 9. By Type of Structure, New and Repair<sup>2</sup>—Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
Road, highway and aerodrome construction .....	647,048	199,032	846,080	820,928	222,634	1,043,562	926,181	227,172	1,153,353
2. Hard surfaced or paved streets, highways, parking lots, etc.	383,686	109,394	493,080	619,923	141,308	761,231	723,584	148,197	871,781
3. Gravel or stone streets, highways, roads, parking lots, etc.	177,347	59,091	236,438	105,931	61,792	167,723	111,510	57,709	169,219
4. Dirt, clay or other streets, roads, parking lots, etc. ....	25,634	9,576	35,210	24,170	10,039	34,209	26,118	10,556	36,674
5. Grading, scraping, oiling, filling .....	22,406	13,147	35,553	33,611	2,442	36,053	23,263	3,382	26,645
6. Sidewalks, paths .....	20,588	5,593	26,181	20,190	4,937	25,127	21,743	5,065	26,808
7. Aerodromes, landing fields, runways, tarmac .....	17,387	2,231	19,618	17,103	2,116	19,219	19,963	2,263	22,226
Waterworks and sewage systems .....	218,665	47,665	266,330	248,134	46,441	294,575	278,397	47,341	325,738
8. Tile drains, drainage ditches, storm sewers .....	18,204	7,020	25,224	21,067	6,448	27,515	21,759	6,126	27,885
9. Water mains, hydrants and services .....	65,712	25,399	91,111	73,814	23,953	97,767	102,097	24,508	126,605
10. Sewage systems and connections .....	119,963	12,377	132,340	132,669	12,989	145,658	125,026	11,856	136,882
11. Pumping stations, water .....	8,547	1,903	10,450	16,092	1,567	17,659	22,089	1,717	23,806
12. Water storage tanks .....	6,239	966	7,205	4,492	1,484	5,976	7,426	3,134	10,560
Dams and irrigation .....	75,996	8,997	84,993	121,951	9,317	131,268	135,564	9,444	145,008
13. Dams and reservoirs .....	58,340	2,340	60,680	98,281	2,270	100,551	112,070	2,334	114,404
14. Irrigation and land reclamation projects .....	17,656	6,657	24,313	23,670	7,047	30,717	23,494	7,110	30,604
Electric power construction .....	431,071	61,440	492,511	509,989	62,763	572,752	616,796	66,740	683,536
15. Electric power generating plants, including water conveying and controlling structures .....	206,750	14,026	220,776	187,944	13,146	201,090	259,900	15,009	274,909
16. Electric transformer stations .....	35,568	6,638	42,206	87,923	5,525	93,448	89,008	5,959	94,967
17. Power transmission and distribution lines, trolley wires..	174,576	33,189	207,765	220,371	37,352	257,723	253,032	39,343	292,375
18. Street lighting .....	14,177	7,587	21,764	13,751	6,740	20,491	14,856	6,429	21,285
Railway, telephone and telegraph .....	253,722	152,443	406,165	271,877	159,366	431,243	255,766	185,654	441,420
19. Railway tracks and roadbed .....	127,473	103,666	231,139	139,903	107,592	247,495	108,664	129,002	237,666
20. Signals and interlockers .....	10,194	7,886	18,080	9,740	8,399	18,139	7,852	9,891	17,743
21. Telegraph and telephone lines, underground and marine cables .....	116,055	40,891	156,946	122,234	43,375	165,609	139,250	46,761	186,011
Gas and oil facilities .....	442,609	57,353	499,962	490,284	63,192	553,476	421,250	61,927	483,177
22. Gas mains and services .....	63,293	6,136	69,429	48,797	4,232	53,029	44,255	4,406	48,661
23. Pumping stations, oil .....	2,912	1,241	4,153	3,249	1,518	4,767	6,065	1,611	7,676
24. Pumping stations, gas .....	30,032	799	30,831	32,737	513	33,250	14,146	433	14,579
25. Oil storage tanks .....	13,559	2,678	16,237	14,811	2,238	17,049	9,881	2,391	12,272
26. Gas storage tanks .....	1,377	36	1,413	1,693	69	1,762	1,308	38	1,346
27. Oil pipe lines .....	22,997	2,365	25,362	20,658	1,881	22,539	21,885	2,022	23,907
28. Gas pipe lines .....	52,961	744	53,705	99,629	939	100,568	41,635	974	42,609
29. Oil wells .....	152,591	9,816	162,407	174,004	15,313	189,317	166,910	14,859	181,769
30. Gas wells .....	25,842	939	26,781	31,046	967	32,013	30,897	909	31,806
31. Oil refinery—Processing units <sup>3</sup> .....	36,179	29,626	65,805	19,113	31,213	50,326	52,273	30,273	82,546
32. Natural gas cleaning plants .....	40,866	2,973	43,839	44,547	4,309	48,856	31,995	4,011	36,006
Other engineering construction .....	308,501	58,592	367,093	344,418	64,753	409,171	460,201	70,501	530,702
33. Bridges, trestles, culverts, overpasses, viaducts .....	178,508	23,834	202,342	144,048	29,998	174,046	175,503	34,330	209,833
34. Tunnels and subways .....	31,744	109	31,853	70,501	346	70,847	76,050	364	76,414
35. Incinerators .....	293	100	393	39	20	59	44	17	61
36. Park systems, landscaping, sodding, etc. ....	8,461	7,203	15,664	4,357	3,381	7,738	7,438	3,788	11,226
37. Swimming pools, tennis courts, outdoor recreation facilities	2,725	2,152	4,877	5,235	784	6,019	4,638	924	5,562
38. Mine shafts and other below surface workings .....	33,163	3,667	36,830	38,520	3,115	41,635	53,878	3,168	57,046
39. Fences, snowsheds, signs, guard rails .....	25,025	13,536	38,561	24,921	11,105	36,026	24,588	11,708	36,296
40. Other engineering construction .....	28,582	7,991	36,573	56,797	16,004	72,801	118,062	16,202	134,264

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR, 1963-65<sup>1</sup>

TABLE 10. Primary Industries<sup>2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>599,510</b>	<b>127,694</b>	<b>727,204</b>	<b>703,019</b>	<b>140,319</b>	<b>843,338</b>	<b>672,988</b>	<b>140,737</b>	<b>813,725</b>
<b>Total building construction .....</b>	<b>223,792</b>	<b>67,358</b>	<b>291,150</b>	<b>251,283</b>	<b>70,147</b>	<b>321,430</b>	<b>209,012</b>	<b>71,133</b>	<b>280,145</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>83,001</b>	<b>12,955</b>	<b>95,956</b>	<b>101,669</b>	<b>12,838</b>	<b>114,507</b>	<b>64,179</b>	<b>14,206</b>	<b>78,385</b>
2. Factories, plants, workshops, food canneries .....	7,519	2,494	10,013	6,058	2,539	8,597	7,404	2,749	10,153
3. Mine and mine mill buildings .....	74,971	10,460	85,431	94,686	10,293	104,979	56,565	11,440	68,005
4. Railway stations, offices, roadway buildings .....	26	1	27	1	6	7	-	6	6
5. Railway shops, engine houses, water and fuel stations .....	485	-	485	924	-	924	210	11	221
<b>Commercial .....</b>	<b>10,626</b>	<b>2,664</b>	<b>13,290</b>	<b>11,587</b>	<b>2,943</b>	<b>14,530</b>	<b>10,025</b>	<b>3,036</b>	<b>13,061</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,336	1,235	5,571	4,647	1,251	5,898	4,153	1,353	5,506
7. Grain elevators .....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	24	40	64	120	77	197	4	79	83
9. Office buildings .....	5,414	1,165	6,579	3,482	1,413	4,895	3,435	1,366	4,801
10. Stores, retail and wholesale .....	53	10	63	44	5	49	163	5	168
11. Garages and service stations .....	503	162	665	1,257	164	1,421	775	181	956
12. Theatres, arenas, amusement and recreational buildings .....	296	50	346	2,037	32	2,069	1,495	51	1,546
13. Laundries and dry cleaning establishments .....	-	2	2	-	1	1	-	1	1
<b>Institutional .....</b>	<b>1,910</b>	<b>84</b>	<b>1,994</b>	<b>2,773</b>	<b>43</b>	<b>2,816</b>	<b>765</b>	<b>60</b>	<b>825</b>
14. Schools and other educational buildings .....	1,731	13	1,744	2,653	6	2,659	657	27	684
15. Churches and other religious buildings .....	8	-	8	-	-	-	92	1	93
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	120	71	191	120	37	157	16	32	48
17. Other institutional buildings .....	51	-	51	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>128,255</b>	<b>51,655</b>	<b>179,910</b>	<b>135,254</b>	<b>54,323</b>	<b>189,577</b>	<b>134,043</b>	<b>53,831</b>	<b>187,874</b>
18. Farm buildings (excluding dwellings) .....	122,364	48,115	170,479	128,151	50,530	178,681	127,024	50,189	177,213
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	14	23	37	10	26	36	161	23	184
20. Aeroplane hangars .....	13	-	13	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,792	3,402	9,194	6,994	3,593	10,587	6,793	3,472	10,265
24. Other building construction .....	72	115	187	99	174	273	65	147	212
<b>Total engineering construction .....</b>	<b>375,718</b>	<b>60,336</b>	<b>436,054</b>	<b>451,736</b>	<b>70,172</b>	<b>521,908</b>	<b>463,976</b>	<b>69,604</b>	<b>533,580</b>
<b>Marine construction .....</b>	<b>1,001</b>	<b>1,193</b>	<b>2,194</b>	<b>12,642</b>	<b>1,207</b>	<b>13,849</b>	<b>4,307</b>	<b>1,488</b>	<b>5,795</b>
25. Docks, wharves, piers, breakwaters .....	461	680	1,141	12,271	553	12,824	3,561	555	4,116
26. Retaining walls, embankments, riprapping .....	38	19	57	10	4	14	5	-	5
27. Canals and waterways .....	141	63	204	54	180	234	140	141	281
28. Dredging and pile driving .....	12	11	23	21	179	200	12	200	212
29. Dyke construction .....	-	-	-	-	-	-	-	-	-
30. Logging booms .....	284	326	610	286	290	576	581	592	1,173
31. Other marine construction .....	65	94	159	-	1	1	8	-	8

See footnotes at end of table.



TABLE 10. Primary Industries<sup>2</sup> — Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction.....</b>	<b>31,003</b>	<b>13,457</b>	<b>44,460</b>	<b>42,275</b>	<b>15,296</b>	<b>57,571</b>	<b>38,427</b>	<b>15,918</b>	<b>54,345</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	471	185	656	3,740	849	4,589	1,858	1,029	2,887
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	10,575	5,008	15,583	15,795	5,520	21,315	15,477	5,532	21,009
34. Dirt, clay or other streets, roads, parking lots, etc. ....	17,866	8,139	26,005	20,308	8,753	29,061	20,698	9,182	29,880
35. Grading, scraping, oiling, filling .....	1,711	50	1,761	2,130	159	2,289	208	163	371
36. Sidewalks, paths.....	379	1	380	252	—	252	131	—	131
37. Aerodromes, landing fields, runways, tarmac.....	1	74	75	50	15	65	55	12	67
<b>Waterworks and sewage systems.....</b>	<b>32,688</b>	<b>11,863</b>	<b>44,551</b>	<b>40,175</b>	<b>12,692</b>	<b>52,867</b>	<b>31,454</b>	<b>12,230</b>	<b>43,684</b>
38. Tile drains, drainage ditches, storm sewers .....	13,338	5,185	18,523	14,028	5,569	19,597	13,792	5,408	19,200
39. Water mains, hydrants and services.....	16,337	5,699	22,036	17,358	6,003	23,361	14,210	5,879	20,089
40. Sewage systems and connections.....	863	101	964	2,289	177	2,466	475	60	535
41. Pumping stations, water .....	179	129	308	3,711	163	3,874	812	107	919
42. Water storage tanks .....	1,971	749	2,720	2,789	780	3,569	2,165	776	2,941
<b>Dams and irrigation.....</b>	<b>16,884</b>	<b>6,098</b>	<b>22,982</b>	<b>17,433</b>	<b>6,395</b>	<b>23,828</b>	<b>17,261</b>	<b>6,325</b>	<b>23,586</b>
43. Dams and reservoirs .....	1,823	177	2,000	1,661	177	1,838	1,627	149	1,776
44. Irrigation and land reclamation projects .....	15,061	5,921	20,982	15,772	6,218	21,990	15,634	6,176	21,810
<b>Electric power construction .....</b>	<b>2,964</b>	<b>691</b>	<b>3,655</b>	<b>10,504</b>	<b>759</b>	<b>11,263</b>	<b>5,572</b>	<b>729</b>	<b>6,301</b>
45. Electric power generating plants, including water conveying and controlling structures .....	144	183	327	3,327	160	3,487	1,801	153	1,954
46. Electric transformer stations .....	179	80	259	3,977	63	4,040	2,052	74	2,126
47. Power transmission and distribution lines, trolley wires .....	2,618	398	3,016	3,151	517	3,668	1,647	478	2,125
48. Street lighting .....	23	30	53	49	19	68	72	24	96
<b>Railway, telephone and telegraph.....</b>	<b>2,951</b>	<b>1,244</b>	<b>4,195</b>	<b>1,295</b>	<b>1,443</b>	<b>2,738</b>	<b>292</b>	<b>1,432</b>	<b>1,724</b>
49. Railway tracks and roadbed .....	2,751	1,101	3,852	990	1,298	2,288	142	1,287	1,429
50. Signals and interlockers .....	7	—	7	109	21	130	1	30	31
51. Telegraph and telephone lines, underground and marine cables .....	193	143	336	196	124	320	149	115	264
<b>Gas and oil facilities .....</b>	<b>227,647</b>	<b>14,187</b>	<b>241,834</b>	<b>260,297</b>	<b>20,820</b>	<b>281,117</b>	<b>239,267</b>	<b>20,000</b>	<b>259,267</b>
52. Gas mains and services.....	823	40	863	1	17	18	19	18	37
53. Pumping stations, oil .....	35	4	39	26	3	29	3,566	3	3,569
54. Pumping stations, gas .....	—	—	—	2	—	2	—	—	—
55. Oil storage tanks .....	3,270	350	3,620	7,649	3	7,652	3,945	10	3,955
56. Gas storage tanks.....	—	—	—	95	—	95	36	—	36
57. Oil pipe lines .....	842	35	877	144	11	155	150	6	156
58. Gas pipe lines.....	3,886	187	4,073	3,237	226	3,463	2,602	214	2,816
59. Oil wells .....	152,585	9,816	162,401	174,004	15,313	189,317	166,910	14,859	181,769
60. Gas wells .....	25,588	800	26,388	30,663	951	31,614	30,284	891	31,175
61. Oil refinery — Processing units .....	14	3	17	62	4	66	85	2	87
62. Natural gas cleaning plants .....	40,604	2,952	43,556	44,414	4,292	48,706	31,670	3,997	35,667
<b>Other engineering construction .....</b>	<b>60,580</b>	<b>11,603</b>	<b>72,183</b>	<b>67,115</b>	<b>11,560</b>	<b>78,675</b>	<b>127,396</b>	<b>11,482</b>	<b>138,878</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	340	87	427	2,171	183	2,354	418	187	605
64. Tunnels and subways .....	966	4	970	2,449	114	2,563	—	3	3
65. Incinerators .....	—	—	—	—	1	1	—	1	1
66. Park systems, landscaping, sodding, etc. ....	119	41	160	101	35	136	153	36	189
67. Swimming pools, tennis courts, outdoor recreation facilities ....	10	27	37	—	38	38	—	30	30
68. Mine shafts and other below surface workings.....	33,163	3,660	36,823	38,520	3,094	41,614	53,868	3,154	57,022
69. Fences, snowsheds, signs, guard rails.....	19,174	7,431	26,605	19,811	7,876	27,687	19,581	7,823	27,404
70. Other engineering construction .....	6,808	353	7,161	4,063	219	4,282	53,376	248	53,624

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry. See also footnote 2, Table 3.



TABLE 11. Manufacturing<sup>1</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>355, 174</b>	<b>139, 870</b>	<b>495, 044</b>	<b>446, 029</b>	<b>138, 276</b>	<b>584, 305</b>	<b>544, 990</b>	<b>139, 099</b>	<b>684, 089</b>
<b>Total building construction .....</b>	<b>294, 318</b>	<b>101, 327</b>	<b>395, 645</b>	<b>400, 895</b>	<b>98, 179</b>	<b>499, 074</b>	<b>470, 466</b>	<b>99, 718</b>	<b>570, 184</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>269, 281</b>	<b>97, 498</b>	<b>366, 779</b>	<b>377, 872</b>	<b>94, 929</b>	<b>472, 801</b>	<b>440, 275</b>	<b>96, 643</b>	<b>536, 918</b>
2. Factories, plants, workshops, food canneries .....	266, 532	93, 830	360, 362	377, 259	94, 060	471, 319	439, 294	95, 841	535, 135
3. Mine and mine mill buildings .....	941	49	990	250	67	317	448	69	517
4. Railway stations, offices, roadway buildings .....	-	-	-	2	-	2	-	-	-
5. Railway shops, engine houses, water and fuel stations .....	1, 808	3, 619	5, 427	361	802	1, 163	533	733	1, 266
<b>Commercial .....</b>	<b>24, 317</b>	<b>3, 193</b>	<b>27, 510</b>	<b>22, 328</b>	<b>2, 801</b>	<b>25, 129</b>	<b>27, 116</b>	<b>2, 674</b>	<b>29, 790</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	11, 262	946	12, 208	11, 267	792	12, 059	15, 466	1, 009	16, 475
7. Grain elevators .....	185	19	204	136	18	154	119	40	159
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	911	122	1, 033	193	71	264	3	66	69
9. Office buildings .....	11, 595	1, 966	13, 561	10, 319	1, 794	12, 113	11, 356	1, 449	12, 805
10. Stores, retail and wholesale .....	207	66	273	160	54	214	25	66	91
11. Garages and service stations .....	144	54	198	144	50	194	141	41	182
12. Theatres, arenas, amusement and recreational buildings .....	13	20	33	90	20	110	6	3	9
13. Laundries and dry cleaning establishments .....	-	-	-	19	2	21	-	-	-
<b>Institutional .....</b>	<b>-</b>	<b>42</b>	<b>42</b>	<b>184</b>	<b>21</b>	<b>205</b>	<b>192</b>	<b>28</b>	<b>220</b>
14. Schools and other educational buildings .....	-	-	-	108	-	108	50	-	50
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	42	42	76	21	97	142	28	170
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>720</b>	<b>594</b>	<b>1, 314</b>	<b>511</b>	<b>428</b>	<b>939</b>	<b>2, 883</b>	<b>373</b>	<b>3, 256</b>
18. Farm buildings (excluding dwellings) .....	245	214	459	126	63	189	200	54	254
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	-	-	-	-	-	-	-	-
20. Aeroplane hangars .....	26	21	47	25	15	40	30	10	40
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	385	344	729	223	333	556	2, 550	300	2, 850
24. Other building construction .....	64	15	79	137	17	154	103	9	112
<b>Total engineering construction .....</b>	<b>60, 856</b>	<b>38, 543</b>	<b>99, 399</b>	<b>45, 134</b>	<b>40, 097</b>	<b>85, 231</b>	<b>74, 524</b>	<b>39, 381</b>	<b>113, 905</b>
<b>Marine construction .....</b>	<b>4, 186</b>	<b>1, 754</b>	<b>5, 940</b>	<b>4, 519</b>	<b>1, 525</b>	<b>6, 044</b>	<b>2, 186</b>	<b>1, 415</b>	<b>3, 601</b>
25. Docks, wharves, piers, breakwaters .....	3, 663	1, 152	4, 815	4, 296	1, 000	5, 296	2, 114	951	3, 065
26. Retaining walls, embankments, riprapping .....	9	12	21	30	47	77	22	17	39
27. Canals and waterways .....	32	9	41	-	-	-	-	-	-
28. Dredging and pile driving .....	138	456	594	51	320	371	12	302	314
29. Dyke construction .....	12	16	28	5	28	33	2	17	19
30. Logging booms .....	22	74	96	40	130	170	8	128	136
31. Other marine construction .....	310	35	345	97	-	97	28	-	28

See footnote at end of table.

TABLE 11. Manufacturing<sup>1</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>5,683</b>	<b>1,772</b>	<b>7,455</b>	<b>5,768</b>	<b>1,455</b>	<b>7,223</b>	<b>6,120</b>	<b>1,433</b>	<b>7,553</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,448	990	4,438	3,252	573	3,825	1,568	603	2,171
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	377	364	741	630	458	1,088	1,546	409	1,955
34. Dirt, clay or other streets, roads, parking lots, etc. ....	701	373	1,074	918	376	1,294	2,773	380	3,153
35. Grading, scraping, oiling, filling .....	949	22	971	942	39	981	180	28	208
36. Sidewalks, paths .....	26	20	46	8	7	15	35	11	46
37. Aerodromes, landing fields, runways, tarmac .....	182	3	185	18	2	20	18	2	20
<b>Waterworks and sewage systems</b> .....	<b>2,428</b>	<b>1,288</b>	<b>3,716</b>	<b>4,353</b>	<b>1,074</b>	<b>5,427</b>	<b>4,639</b>	<b>1,026</b>	<b>5,665</b>
38. Tile drains, drainage ditches, storm sewers .....	533	76	609	807	46	853	329	38	367
39. Water mains, hydrants and services .....	605	634	1,239	1,149	479	1,628	1,193	497	1,690
40. Sewage systems and connections .....	827	238	1,065	1,417	254	1,671	2,437	235	2,672
41. Pumping stations, water .....	413	270	683	831	204	1,035	650	208	858
42. Water storage tanks .....	50	70	120	149	91	240	30	48	78
<b>Dams and irrigation</b> .....	<b>197</b>	<b>143</b>	<b>340</b>	<b>430</b>	<b>49</b>	<b>479</b>	<b>38</b>	<b>95</b>	<b>133</b>
43. Dams and reservoirs .....	197	143	340	272	49	321	35	94	129
44. Irrigation and land reclamation projects .....	—	—	—	158	—	158	3	1	4
<b>Electric power construction</b> .....	<b>4,304</b>	<b>1,145</b>	<b>5,449</b>	<b>5,014</b>	<b>1,327</b>	<b>6,341</b>	<b>5,161</b>	<b>1,321</b>	<b>6,482</b>
45. Electric power generating plants, including water conveying and controlling structures .....	343	679	1,022	1,160	457	1,617	2,831	563	3,394
46. Electric transformer stations .....	2,530	99	2,629	2,281	408	2,689	1,613	298	1,911
47. Power transmission and distribution lines, trolley wires .....	1,388	353	1,741	1,533	441	1,974	619	453	1,072
48. Street lighting .....	43	14	57	40	21	61	98	7	105
<b>Railway, telephone and telegraph</b> .....	<b>852</b>	<b>832</b>	<b>1,684</b>	<b>997</b>	<b>650</b>	<b>1,647</b>	<b>802</b>	<b>669</b>	<b>1,471</b>
49. Railway tracks and roadbed .....	824	777	1,601	986	582	1,568	792	599	1,391
50. Signals and interlockers .....	3	2	5	—	7	7	—	7	7
51. Telegraph and telephone lines, underground and marine cables .....	25	53	78	11	61	72	10	63	73
<b>Gas and oil facilities</b> .....	<b>42,233</b>	<b>30,736</b>	<b>72,969</b>	<b>22,591</b>	<b>32,407</b>	<b>54,998</b>	<b>53,754</b>	<b>31,609</b>	<b>85,363</b>
52. Gas mains and services .....	84	14	98	8	17	25	36	11	47
53. Pumping stations, oil .....	34	1	35	—	—	—	—	—	—
54. Pumping stations, gas .....	—	3	3	—	—	—	—	—	—
55. Oil storage tanks .....	4,453	966	5,419	2,734	1,094	3,828	1,027	1,248	2,275
56. Gas storage tanks .....	39	8	47	502	1	503	328	2	330
57. Oil pipe lines .....	1,359	92	1,451	67	49	116	39	48	87
58. Gas pipe lines .....	256	29	285	229	34	263	36	29	65
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	100	—	100
61. Oil refinery - Processing units <sup>2</sup> .....	35,949	29,623	65,572	19,051	31,209	50,260	52,188	30,271	82,459
62. Natural gas cleaning plants .....	59	—	59	—	3	3	—	—	—
<b>Other engineering construction</b> .....	<b>973</b>	<b>873</b>	<b>1,846</b>	<b>1,462</b>	<b>1,610</b>	<b>3,072</b>	<b>1,824</b>	<b>1,813</b>	<b>3,637</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	294	185	479	204	65	269	89	274	363
64. Tunnels and subways .....	1	—	1	—	—	—	—	—	—
65. Incinerators .....	51	5	56	21	8	29	18	4	22
66. Park systems, landscaping, sodding, etc. ....	62	175	237	47	178	225	42	204	246
67. Swimming pools, tennis courts, outdoor recreation facilities .....	6	32	38	2	4	6	20	4	24
68. Mine shafts and other below surface workings .....	—	1	1	—	21	21	—	14	14
69. Fences, snowsheds, signs, guard rails .....	357	93	450	158	76	234	181	72	253
70. Other engineering construction .....	202	382	584	1,030	1,258	2,288	1,494	1,241	2,735

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

TABLE 12. Utilities¹

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>1, 110, 323</b>	<b>281, 209</b>	<b>1, 391, 532</b>	<b>1, 354, 885</b>	<b>292, 604</b>	<b>1, 647, 489</b>	<b>1, 439, 953</b>	<b>334, 104</b>	<b>1, 774, 057</b>
<b>Total building construction.....</b>	<b>98, 173</b>	<b>32, 683</b>	<b>130, 856</b>	<b>87, 108</b>	<b>37, 714</b>	<b>124, 822</b>	<b>96, 965</b>	<b>41, 171</b>	<b>138, 136</b>
<b>Residential.....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial.....</b>	<b>22, 385</b>	<b>17, 668</b>	<b>40, 053</b>	<b>20, 401</b>	<b>21, 461</b>	<b>41, 862</b>	<b>15, 867</b>	<b>25, 357</b>	<b>41, 224</b>
2. Factories, plants, workshops, food canneries ....	4, 179	2, 446	6, 625	2, 973	1, 816	4, 789	2, 856	1, 750	4, 606
3. Mine and mine mill buildings .....	215	—	215	34	—	34	—	—	—
4. Railway stations, offices, roadway buildings ....	14, 409	12, 454	26, 863	11, 092	13, 613	24, 705	7, 871	16, 298	24, 169
5. Railway shops, engine houses, water and fuel stations .....	3, 582	2, 768	6, 350	6, 302	6, 032	12, 334	5, 140	7, 309	12, 449
<b>Commercial.....</b>	<b>36, 502</b>	<b>11, 216</b>	<b>47, 718</b>	<b>38, 035</b>	<b>13, 484</b>	<b>51, 519</b>	<b>42, 265</b>	<b>13, 163</b>	<b>55, 428</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	11, 453	2, 540	13, 993	11, 822	3, 391	15, 213	13, 012	3, 657	16, 669
7. Grain elevators .....	15, 118	5, 878	20, 996	10, 426	6, 631	17, 057	9, 027	5, 935	14, 962
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	6	11	17	11	7	18	50	6	56
9. Office buildings .....	6, 784	1, 961	8, 745	9, 769	1, 844	11, 613	11, 353	1, 941	13, 294
10. Stores, retail and wholesale .....	5	—	5	—	—	—	—	—	—
11. Garages and service stations .....	3, 134	826	3, 960	5, 879	1, 598	7, 477	8, 733	1, 612	10, 345
12. Theatres, arenas, amusement and recreational buildings .....	2	—	2	128	13	141	90	12	102
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>12</b>	<b>—</b>	<b>26</b>	<b>26</b>
14. Schools and other educational buildings.....	—	—	—	—	3	3	—	2	2
15. Churches and other religious buildings.....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	—	—	—	9	9	—	24	24
17. Other institutional buildings.....	—	—	—	—	—	—	—	—	—
<b>Other building construction.....</b>	<b>39, 286</b>	<b>3, 799</b>	<b>43, 085</b>	<b>28, 672</b>	<b>2, 757</b>	<b>31, 429</b>	<b>38, 833</b>	<b>2, 625</b>	<b>41, 458</b>
18. Farm buildings (excluding dwellings).....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	37, 687	3, 184	40, 871	27, 646	1, 563	29, 209	27, 129	1, 770	28, 899
20. Aeroplane hangars .....	147	130	277	326	210	536	447	225	672
21. Passenger terminals, bus, boat or air .....	1, 046	404	1, 450	569	897	1, 466	11, 196	545	11, 741
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	59	55	114	59	84	143	61	80	141
24. Other building construction.....	347	26	373	72	3	75	—	5	5
<b>Total engineering construction.....</b>	<b>1, 012, 150</b>	<b>248, 526</b>	<b>1, 260, 676</b>	<b>1, 267, 777</b>	<b>254, 890</b>	<b>1, 522, 667</b>	<b>1, 342, 988</b>	<b>292, 933</b>	<b>1, 635, 921</b>
<b>Marine construction.....</b>	<b>7, 914</b>	<b>3, 190</b>	<b>11, 104</b>	<b>8, 618</b>	<b>4, 178</b>	<b>12, 796</b>	<b>27, 834</b>	<b>5, 419</b>	<b>33, 253</b>
25. Docks, wharves, piers, breakwaters .....	4, 991	2, 306	7, 297	6, 443	2, 602	9, 045	12, 330	2, 779	15, 109
26. Retaining walls, embankments, riprapping .....	1, 020	18	1, 038	22	19	41	95	92	187
27. Canals and waterways .....	921	345	1, 266	1, 789	933	2, 722	15, 054	1, 924	16, 978
28. Dredging and pile driving .....	979	491	1, 470	364	622	986	355	573	928
29. Dyke construction.....	—	—	—	—	—	—	—	50	50
30. Logging booms .....	—	12	12	—	—	—	—	—	—
31. Other marine construction .....	3	18	21	—	2	2	—	1	1

See footnote at end of table.



TABLE 12. Utilities<sup>1</sup> — Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>24, 173</b>	<b>762</b>	<b>24, 935</b>	<b>57, 470</b>	<b>670</b>	<b>58, 140</b>	<b>35, 891</b>	<b>677</b>	<b>36, 568</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	18, 988	494	19, 482	44, 821	500	45, 321	30, 557	499	31, 056
33. Gravel or stone streets, highways, roads, parking lots, etc.....	95	105	200	979	87	1, 066	1, 893	99	1, 992
34. Dirt, clay or other streets, roads, parking lots, etc.....	624	43	667	159	28	187	40	19	59
35. Grading, scraping, oiling, filling .....	4, 450	111	4, 561	11, 508	52	11, 560	3, 341	52	3, 393
36. Sidewalks, paths.....	16	9	25	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac.....	—	—	—	3	3	6	60	8	68
<b>Waterworks and sewage systems.....</b>	<b>55, 895</b>	<b>19, 933</b>	<b>75, 828</b>	<b>62, 514</b>	<b>18, 400</b>	<b>80, 914</b>	<b>103, 720</b>	<b>20, 831</b>	<b>124, 551</b>
38. Tile drains, drainage ditches, storm sewers .....	108	28	136	43	11	54	—	21	21
39. Water mains, hydrants and services .....	45, 518	18, 166	63, 684	51, 371	16, 531	67, 902	80, 492	17, 083	97, 575
40. Sewage systems and connections .....	199	91	290	109	50	159	37	20	57
41. Pumping stations, water .....	5, 867	1, 501	7, 368	9, 477	1, 196	10, 673	18, 020	1, 398	19, 418
42. Water storage tanks .....	4, 203	147	4, 350	1, 514	612	2, 126	5, 171	2, 309	7, 480
<b>Dams and irrigation.....</b>	<b>38, 100</b>	<b>615</b>	<b>38, 715</b>	<b>80, 719</b>	<b>631</b>	<b>81, 350</b>	<b>90, 489</b>	<b>515</b>	<b>91, 004</b>
43. Dams and reservoirs .....	37, 991	615	38, 606	80, 571	628	81, 199	90, 489	515	91, 004
44. Irrigation and land reclamation projects .....	109	—	109	148	3	151	—	—	—
<b>Electric power construction.....</b>	<b>411, 829</b>	<b>51, 320</b>	<b>463, 149</b>	<b>482, 167</b>	<b>52, 952</b>	<b>535, 119</b>	<b>590, 666</b>	<b>56, 999</b>	<b>647, 665</b>
45. Electric power generating plants, including water conveying and controlling structures .....	204, 418	10, 779	215, 197	181, 932	10, 168	192, 100	253, 556	11, 753	265, 309
46. Electric transformer stations .....	30, 796	5, 998	36, 794	79, 737	4, 610	84, 347	83, 251	5, 119	88, 370
47. Power transmission and distribution lines, trolley wires .....	169, 341	31, 662	201, 003	213, 542	35, 601	249, 143	245, 858	37, 567	283, 425
48. Street lighting .....	7, 274	2, 881	10, 155	6, 956	2, 573	9, 529	8, 001	2, 560	10, 561
<b>Railway, telephone and telegraph.....</b>	<b>247, 633</b>	<b>150, 063</b>	<b>397, 696</b>	<b>267, 940</b>	<b>156, 983</b>	<b>424, 923</b>	<b>249, 583</b>	<b>183, 244</b>	<b>432, 827</b>
49. Railway tracks and roadbed .....	122, 488	101, 746	224, 234	136, 467	105, 672	242, 139	104, 244	127, 074	231, 318
50. Signals and interlockers.....	10, 184	7, 884	18, 068	9, 631	8, 371	18, 002	7, 151	9, 854	17, 005
51. Telegraph and telephone lines, underground and marine cables .....	114, 961	40, 433	155, 394	121, 842	42, 940	164, 782	138, 188	46, 316	184, 504
<b>Gas and oil facilities .....</b>	<b>166, 046</b>	<b>11, 395</b>	<b>177, 441</b>	<b>202, 189</b>	<b>9, 053</b>	<b>211, 242</b>	<b>122, 539</b>	<b>9, 526</b>	<b>132, 065</b>
52. Gas mains and services.....	62, 124	6, 082	68, 206	48, 776	4, 197	52, 973	43, 695	4, 377	48, 072
53. Pumping stations, oil.....	2, 843	1, 203	4, 046	3, 223	1, 515	4, 738	2, 499	1, 608	4, 107
54. Pumping stations, gas .....	29, 984	795	30, 779	32, 596	483	33, 079	14, 035	423	14, 458
55. Oil storage tanks.....	1, 310	374	1, 684	524	304	828	1, 159	361	1, 520
56. Gas storage tanks .....	1, 338	28	1, 366	1, 096	46	1, 142	944	36	980
57. Oil pipe lines .....	19, 171	2, 218	21, 389	19, 295	1, 799	21, 094	20, 372	1, 958	22, 330
58. Gas pipe lines .....	48, 819	535	49, 354	96, 163	679	96, 842	38, 997	731	39, 728
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	254	139	393	383	16	399	513	18	531
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	203	21	224	133	14	147	325	14	339
<b>Other engineering construction .....</b>	<b>60, 560</b>	<b>11, 248</b>	<b>71, 808</b>	<b>106, 160</b>	<b>12, 023</b>	<b>118, 183</b>	<b>122, 266</b>	<b>15, 722</b>	<b>137, 988</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	23, 369	8, 137	31, 506	18, 335	8, 981	27, 316	19, 454	11, 868	31, 322
64. Tunnels and subways .....	30, 155	35	30, 190	68, 050	181	68, 231	75, 907	308	76, 215
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc.....	89	26	115	32	30	62	—	59	59
67. Swimming pools, tennis courts, outdoor recreation facilities ..	3	—	3	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	6	6	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	2, 111	2, 012	4, 123	1, 749	2, 079	3, 828	1, 074	2, 598	3, 672
70. Other engineering construction .....	4, 833	1, 032	5, 865	17, 994	752	18, 746	25, 831	889	26, 720

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

TABLE 13. Trade Finance and Commercial Services<sup>1</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>467,689</b>	<b>73,326</b>	<b>541,015</b>	<b>513,403</b>	<b>77,372</b>	<b>590,775</b>	<b>760,058</b>	<b>81,192</b>	<b>841,250</b>
<b>Total building construction .....</b>	<b>454,682</b>	<b>71,329</b>	<b>526,011</b>	<b>495,097</b>	<b>75,937</b>	<b>571,034</b>	<b>716,747</b>	<b>79,862</b>	<b>796,609</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>11,386</b>	<b>549</b>	<b>11,935</b>	<b>16,787</b>	<b>523</b>	<b>17,310</b>	<b>24,239</b>	<b>610</b>	<b>24,849</b>
2. Factories, plants, workshops, food canneries .....	11,386	549	11,935	16,787	523	17,310	22,489	610	23,099
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	1,500	—	1,500
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	250	—	250
<b>Commercial .....</b>	<b>439,075</b>	<b>70,744</b>	<b>509,819</b>	<b>472,905</b>	<b>75,359</b>	<b>548,264</b>	<b>685,621</b>	<b>79,179</b>	<b>764,800</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	25,401	6,168	31,569	27,853	6,566	34,419	26,767	5,945	32,712
7. Grain elevators .....	—	—	—	84	—	84	45	51	96
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	48,979	11,477	60,456	55,105	11,411	66,516	97,011	12,751	109,762
9. Office buildings .....	158,609	15,099	173,708	194,501	17,066	211,567	277,209	20,330	297,539
10. Stores, retail and wholesale .....	143,649	26,110	169,759	145,343	27,283	172,626	182,337	28,298	210,635
11. Garages and service stations .....	27,429	8,968	36,397	25,681	8,649	34,330	31,362	8,362	39,724
12. Theatres, arenas, amusement and recreational buildings .....	33,096	1,828	34,924	22,508	3,311	25,819	69,532	2,600	72,132
13. Laundries and dry cleaning establishments .....	1,912	1,094	3,006	1,830	1,073	2,903	1,358	842	2,200
<b>Institutional .....</b>	<b>1,091</b>	<b>34</b>	<b>1,125</b>	<b>10</b>	<b>3</b>	<b>13</b>	<b>1,265</b>	<b>—</b>	<b>1,265</b>
14. Schools and other educational buildings .....	200	—	200	—	3	3	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	332	—	332	—	—	—	—	—	—
17. Other institutional buildings .....	559	34	593	10	—	10	1,265	—	1,265
<b>Other building construction .....</b>	<b>3,130</b>	<b>2</b>	<b>3,132</b>	<b>5,395</b>	<b>52</b>	<b>5,447</b>	<b>5,622</b>	<b>73</b>	<b>5,695</b>
18. Farm buildings (excluding dwellings) .....	782	2	784	557	—	557	2	1	3
19. Broadcasting, radio and television, relay and booster stations telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	31	—	31	5	1	6	—	—	—
24. Other building construction .....	2,317	—	2,317	4,833	51	4,884	5,620	72	5,692
<b>Total engineering construction .....</b>	<b>13,007</b>	<b>1,997</b>	<b>15,004</b>	<b>18,306</b>	<b>1,435</b>	<b>19,741</b>	<b>43,311</b>	<b>1,330</b>	<b>44,641</b>
<b>Marine construction .....</b>	<b>642</b>	<b>58</b>	<b>700</b>	<b>385</b>	<b>7</b>	<b>392</b>	<b>1,860</b>	<b>15</b>	<b>1,875</b>
25. Docks, wharves, piers, breakwaters .....	575	32	607	127	7	134	803	15	818
26. Retaining walls, embankments, riprapping .....	64	11	75	250	—	250	610	—	610
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	3	15	18	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	3	—	3	8	—	8
30. Logging booms .....	—	—	—	5	—	5	439	—	439
31. Other marine construction .....	—	—	—	—	—	—	—	—	—

See footnote at end of table.

TABLE 13. Trade Finance and Commercial Services<sup>1</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>4, 473</b>	<b>438</b>	<b>4, 911</b>	<b>3, 689</b>	<b>505</b>	<b>4, 194</b>	<b>8, 184</b>	<b>521</b>	<b>8, 705</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	4, 035	385	4, 420	2, 616	422	3, 038	7, 507	423	7, 930
33. Gravel or stone streets, highways, roads, parking lots, etc. ..	99	43	142	197	64	261	229	77	306
34. Dirt, clay or other streets, roads, parking lots, etc. ....	104	2	106	45	5	50	13	4	17
35. Grading, scraping, oiling, filling .....	143	8	151	804	12	816	377	14	391
36. Sidewalks, paths .....	92	—	92	27	2	29	58	3	61
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>1, 860</b>	<b>15</b>	<b>1, 875</b>	<b>1, 933</b>	<b>20</b>	<b>1, 953</b>	<b>4, 505</b>	<b>16</b>	<b>4, 521</b>
38. Tile drains, drainage ditches, storm sewers .....	730	7	737	511	4	515	851	4	855
39. Water mains, hydrants and services .....	536	1	537	897	—	897	1, 827	—	1, 827
40. Sewage systems and connections .....	576	7	583	476	16	492	1, 642	12	1, 654
41. Pumping stations, water .....	14	—	14	49	—	49	185	—	185
42. Water storage tanks .....	4	—	4	—	—	—	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>264</b>	<b>—</b>	<b>264</b>
43. Dams and reservoirs .....	—	—	—	—	—	—	264	—	264
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>171</b>	<b>14</b>	<b>185</b>	<b>555</b>	<b>7</b>	<b>562</b>	<b>3, 636</b>	<b>9</b>	<b>3, 645</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3	3	6	—	—	—	30	—	30
46. Electric transformer stations .....	61	1	62	88	1	89	—	2	2
47. Power transmission and distribution lines, trolley wires .....	87	9	96	254	5	259	3, 012	5	3, 017
48. Street lighting .....	20	1	21	213	1	214	594	2	596
<b>Railway, telephone and telegraph .....</b>	<b>52</b>	<b>2</b>	<b>54</b>	<b>128</b>	<b>—</b>	<b>128</b>	<b>3, 341</b>	<b>—</b>	<b>3, 341</b>
49. Railway tracks and roadbed .....	40	2	42	126	—	126	2, 010	—	2, 010
50. Signals and interlockers .....	—	—	—	—	—	—	700	—	700
51. Telegraph and telephone lines, underground and marine cables	12	—	12	2	—	2	631	—	631
<b>Gas and oil facilities .....</b>	<b>5, 242</b>	<b>980</b>	<b>6, 222</b>	<b>3, 761</b>	<b>857</b>	<b>4, 618</b>	<b>3, 979</b>	<b>732</b>	<b>4, 711</b>
52. Gas mains and services .....	—	—	—	7	1	8	470	—	470
53. Pumping stations, oil .....	—	33	33	—	—	—	—	—	—
54. Pumping stations, gas .....	48	1	49	139	30	169	111	10	121
55. Oil storage tanks .....	4, 263	933	5, 196	3, 615	782	4, 397	3, 398	712	4, 110
56. Gas storage tanks .....	—	—	—	—	22	22	—	—	—
57. Oil pipe lines .....	709	13	722	—	22	22	—	10	10
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	6	—	6	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units .....	216	—	216	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>567</b>	<b>490</b>	<b>1, 057</b>	<b>7, 855</b>	<b>39</b>	<b>7, 894</b>	<b>17, 542</b>	<b>37</b>	<b>17, 579</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	6	—	6	5, 516	—	5, 516	13, 461	—	13, 461
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	152	5	157	416	14	430	1, 906	23	1, 929
67. Swimming pools, tennis courts, outdoor recreation facilities ..	132	410	542	889	—	889	185	1	186
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	10	—	10
69. Fences, snowsheds, signs, guard rails .....	178	5	183	266	25	291	504	13	517
70. Other engineering construction .....	99	70	169	768	—	768	1, 476	—	1, 476

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.



TABLE 14. Federal Government Department<sup>1</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>197,285</b>	<b>77,061</b>	<b>274,346</b>	<b>208,874</b>	<b>76,726</b>	<b>285,600</b>	<b>246,372</b>	<b>82,108</b>	<b>328,480</b>
<b>Total building construction</b> .....	<b>99,181</b>	<b>48,463</b>	<b>147,644</b>	<b>104,969</b>	<b>48,195</b>	<b>153,164</b>	<b>121,541</b>	<b>51,485</b>	<b>173,026</b>
2. Factories, plants, workshops, food canneries .....	8,681	7,104	15,785	8,969	7,075	16,044	10,212	7,572	17,784
6. Warehouse, storehouse, refrigerated storage, etc. ....	2,292	2,207	4,499	2,569	2,204	4,773	2,940	2,364	5,304
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,461	1,245	2,706	1,447	1,239	2,686	1,633	1,324	2,957
9. Office buildings .....	32,804	9,424	42,228	34,392	9,391	43,783	39,929	10,051	49,980
10. Stores, retail and wholesale .....	1,060	129	1,189	1,212	128	1,340	1,356	135	1,491
11. Garages and service stations .....	1,260	1,011	2,271	1,451	1,006	2,457	1,688	1,073	2,761
12. Theatres, arenas, amusement and recreational buildings .....	793	783	1,576	866	775	1,641	1,023	827	1,850
14. Schools and other educational buildings .....	6,095	2,625	8,720	6,514	2,633	9,147	7,564	2,846	10,410
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,118	2,183	4,301	2,328	2,168	4,496	2,760	2,314	5,074
17. Other institutional buildings .....	4,258	174	4,432	5,443	176	5,619	6,636	189	6,825
18. Farm buildings (excluding dwellings) .....	3,541	178	3,719	3,438	179	3,617	4,239	192	4,431
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,827	2,600	7,427	5,244	2,579	7,823	6,185	2,744	8,929
20. Aeroplane hangars .....	1,820	2,851	4,671	2,345	2,828	5,173	2,769	3,009	5,778
21. Passenger terminals, bus, boat or air .....	20,639	10	20,649	20,193	10	20,203	22,496	11	22,507
22. Armouries, barracks, drill halls, etc. ....	3,380	14,127	17,507	3,802	14,009	17,811	4,495	14,929	19,424
24. Other building construction .....	4,152	1,812	5,964	4,756	1,795	6,551	5,616	1,905	7,521
<b>Total engineering construction</b> .....	<b>98,104</b>	<b>28,598</b>	<b>126,702</b>	<b>103,905</b>	<b>28,531</b>	<b>132,436</b>	<b>124,831</b>	<b>30,623</b>	<b>155,454</b>
25. Docks, wharves, piers, breakwaters .....	18,629	3,486	22,115	23,191	3,468	26,659	29,356	3,714	33,070
26. Retaining walls, embankments, riprapping .....	1,402	221	1,623	1,933	220	2,153	2,333	234	2,567
27. Canals and waterways .....	1,251	265	1,516	1,242	262	1,504	1,393	278	1,671
28. Dredging and pile driving .....	1,809	3,792	5,601	2,267	3,794	6,061	2,769	4,086	6,855
29. Dyke construction .....	5	7	12	5	7	12	5	8	13
31. Other marine construction .....	1,430	325	1,755	1,708	326	2,034	2,264	354	2,618
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	11,736	2,117	13,853	12,161	2,113	14,274	13,848	2,256	16,104
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,602	1,699	6,301	5,060	1,708	6,768	6,089	1,851	7,940
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,007	416	1,423	1,118	414	1,532	1,335	444	1,779
35. Grading, scraping, oiling filling .....	150	211	361	181	211	392	225	226	451
37. Aerodromes, landing fields, runways, tarmac .....	16,924	2,101	19,025	17,017	2,086	19,103	19,789	2,231	22,020
38. Tile drains, drainage ditches, storm sewers .....	441	342	783	444	341	785	504	364	868
39. Water mains, hydrants and services .....	1,796	874	2,670	1,890	869	2,759	2,179	927	3,106
40. Sewage systems and connections .....	1,004	616	1,620	1,154	614	1,768	1,359	656	2,015
43. Dams and reservoirs .....	18,191	1,394	19,585	15,454	1,412	16,866	19,340	1,540	20,880
44. Irrigation and land reclamation projects .....	602	725	1,327	579	730	1,309	605	792	1,397
45. Electric power generating plants, including water conveying and controlling structures .....	1,350	2,361	3,711	1,441	2,343	3,784	1,657	2,515	4,172
46. Electric transformer stations .....	1,814	450	2,264	1,764	443	2,207	1,955	466	2,421
47. Power transmission and distribution lines, trolley wires .....	956	734	1,690	1,061	728	1,789	1,244	779	2,023
55. Oil storage tanks .....	235	55	290	275	55	330	332	60	392
57. Oil pipe lines .....	916	—	916	1,152	—	1,152	1,324	—	1,324
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,009	665	2,674	2,546	660	3,206	3,087	701	3,788
66. Park systems, landscaping, sodding, etc. ....	1,600	2,017	3,617	1,827	2,011	3,838	2,177	2,157	4,334
67. Swimming pools, tennis courts, outdoor recreation facilities....	782	283	1,065	835	281	1,116	931	302	1,233
69. Fences, snowsheds, signs, guard rails .....	1,471	896	2,367	1,449	897	2,346	1,742	969	2,711
70. Other engineering construction .....	5,992	2,546	8,538	6,151	2,538	8,689	6,989	2,713	9,702

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

TABLE 15. Provincial Government Departments<sup>1</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>532, 397</b>	<b>145, 680</b>	<b>678, 077</b>	<b>668, 145</b>	<b>175, 485</b>	<b>843, 630</b>	<b>832, 850</b>	<b>180, 354</b>	<b>1, 013, 204</b>
<b>Total building construction .....</b>	<b>30, 396</b>	<b>24, 588</b>	<b>54, 984</b>	<b>50, 618</b>	<b>21, 543</b>	<b>72, 161</b>	<b>80, 680</b>	<b>21, 197</b>	<b>101, 877</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1, 699	559	2, 258	6, 763	1, 584	8, 347	4, 011	1, 917	5, 928
9. Office buildings .....	12, 695	10, 334	23, 029	23, 460	15, 893	39, 353	45, 569	14, 251	59, 820
10. Stores, retail and wholesale.....	273	16	289	790	8	798	228	17	245
17. Other institutional buildings .....	8, 106	11, 295	19, 401	12, 279	2, 429	14, 708	23, 162	3, 058	26, 220
24. Other building construction .....	7, 623	2, 384	10, 007	7, 326	1, 629	8, 955	7, 710	1, 954	9, 664
<b>Total engineering construction .....</b>	<b>502, 001</b>	<b>121, 092</b>	<b>623, 093</b>	<b>617, 527</b>	<b>153, 942</b>	<b>771, 469</b>	<b>752, 170</b>	<b>159, 157</b>	<b>911, 327</b>
25. Docks, wharves, piers, breakwaters .....	1, 124	213	1, 337	137	23	160	152	64	216
26. Retaining walls, embankments, riprapping.....	2, 206	798	3, 004	15, 653	13	15, 666	18, 131	11	18, 142
31. Other marine construction.....	2, 062	478	2, 540	738	1, 590	2, 328	1, 085	1, 710	2, 795
32. Hard surfaced or paved streets, highways, parking lots, etc.	199, 268	39, 261	238, 529	400, 418	75, 399	475, 817	502, 992	82, 279	585, 271
33. Gravel or stone streets, highways, roads, parking lots, etc..	154, 781	47, 460	202, 241	83, 111	53, 953	137, 064	86, 114	49, 739	135, 853
34. Dirt, clay or other streets, roads, parking lots, etc. ....	4, 350	391	4, 741	1, 546	463	2, 009	1, 240	527	1, 767
35. Grading, scraping, oiling, filling.....	14, 501	11, 682	26, 183	18, 044	1, 968	20, 012	18, 931	2, 897	21, 828
38. Tile drains, drainage ditches, storm sewers .....	1, 678	1, 269	2, 947	4, 686	474	5, 160	5, 427	288	5, 715
39. Water mains, hydrants and services .....	575	23	598	853	67	920	1, 976	118	2, 094
40. Sewage systems and connections .....	704	7	711	291	19	310	807	40	847
43. Dams and reservoirs .....	138	3	141	323	4	327	315	36	351
44. Irrigation and land reclamation projects.....	1, 875	11	1, 886	6, 953	96	7, 049	7, 252	141	7, 393
47. Power transmission and distribution lines, trolley wires ....	94	3	97	198	54	252	169	59	228
51. Telegraph and telephone lines, underground and marine cables	718	20	738	12	9	21	8	11	19
63. Bridges, trestles culverts, overpasses, viaducts .....	110, 279	12, 067	122, 346	78, 065	17, 636	95, 701	100, 188	18, 722	118, 910
66. Park systems, landscaping, sodding, etc. ....	3, 427	3, 915	7, 342	1, 560	1, 019	2, 579	1, 998	1, 211	3, 209
67. Swimming pools, tennis courts, outdoor recreation facilities.	88	4	92	1, 134	455	1, 589	1, 426	587	2, 013
69. Fences, snowsheds, signs, guard rails .....	1, 189	2, 651	3, 840	1, 472	151	1, 623	1, 525	233	1, 758
70. Other engineering construction .....	2, 944	836	3, 780	2, 333	549	2, 882	2, 434	484	2, 918

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

**TABLE 16. Municipal Government Departments<sup>1</sup>**

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>424, 088</b>	<b>110, 207</b>	<b>534, 295</b>	<b>438, 508</b>	<b>103, 701</b>	<b>542, 209</b>	<b>474, 479</b>	<b>101, 261</b>	<b>575, 740</b>
<b>Total building construction.....</b>	<b>66, 789</b>	<b>8, 146</b>	<b>74, 935</b>	<b>68, 210</b>	<b>7, 877</b>	<b>76, 087</b>	<b>96, 314</b>	<b>6, 878</b>	<b>103, 192</b>
9. Office buildings .....	26, 493	1, 935	28, 428	23, 209	1, 520	24, 729	21, 181	1, 592	22, 773
12. Theatres, arenas, amusement and recreational buildings.....	19, 029	3, 656	22, 685	18, 469	3, 646	22, 115	28, 016	2, 861	30, 877
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	6, 258	346	6, 604	7, 742	287	8, 029	6, 957	298	7, 255
17. Other institutional buildings.....	2, 128	122	2, 250	10, 813	918	11, 731	26, 565	748	27, 313
30. Other building construction .....	12, 881	2, 087	14, 968	7, 977	1, 506	9, 483	13, 595	1, 379	14, 974
<b>Total engineering construction.....</b>	<b>357, 299</b>	<b>102, 061</b>	<b>459, 360</b>	<b>370, 298</b>	<b>95, 824</b>	<b>466, 122</b>	<b>378, 165</b>	<b>94, 383</b>	<b>472, 548</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	145, 367	65, 902	211, 269	152, 182	61, 404	213, 586	163, 699	61, 088	224, 787
36. Sidewalks, paths.....	19, 975	5, 332	25, 307	19, 740	4, 701	24, 441	21, 339	4, 814	26, 153
40. Sewage systems and connections.....	115, 464	11, 315	126, 779	126, 702	11, 857	138, 559	117, 978	10, 831	128, 809
48. Street lighting .....	5, 571	4, 034	9, 605	6, 212	3, 855	10, 067	5, 605	3, 546	9, 151
63. Bridges, trestles, culverts, overpasses, viaducts.....	42, 211	2, 693	44, 904	37, 211	2, 473	39, 684	38, 806	2, 578	41, 384
70. Other engineering construction.....	28, 711	12, 785	41, 496	28, 251	11, 534	39, 785	30, 738	11, 526	42, 264

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

**TABLE 17. Housing and Institutional Services<sup>1</sup>**

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential.....</b>	<b>1, 713, 400</b>	<b>544, 000</b>	<b>2, 257, 400</b>	<b>2, 027, 500</b>	<b>577, 000</b>	<b>2, 604, 500</b>	<b>2, 244, 000</b>	<b>612, 000</b>	<b>2, 856, 000</b>
<b>Institutional:</b>									
<b>Total value of work .....</b>	<b>756, 862</b>	<b>60, 236</b>	<b>817, 098</b>	<b>651, 733</b>	<b>59, 105</b>	<b>710, 838</b>	<b>856, 337</b>	<b>62, 822</b>	<b>919, 159</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	2, 459	—	2, 459	3	3	6	600	3	603
9. Office buildings .....	5	—	5	560	23	583	620	36	656
12. Theatres, arenas, amusement and recreational buildings .....	514	15	529	706	17	723	3, 338	24	3, 362
14. Schools and other educational buildings.....	535, 913	30, 838	566, 751	428, 047	30, 923	458, 970	575, 278	32, 259	607, 537
15. Churches and other religious buildings.....	46, 885	7, 038	53, 923	47, 500	6, 962	54, 462	48, 947	9, 130	58, 077
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	148, 597	20, 505	169, 102	151, 034	19, 304	170, 338	189, 544	19, 705	209, 249
17. Other institutional buildings .....	16, 184	1, 421	17, 605	14, 895	1, 504	16, 399	21, 401	1, 372	22, 773
18. Farm buildings (excluding dwellings).....	39	39	78	—	16	16	11	1	12
23. Bunkhouses, dormitories, camp cookeries bush depots and camps .....	3, 168	53	3, 221	2, 672	97	2, 769	8, 444	81	8, 525
24. Other building construction .....	8	2	10	371	61	432	289	44	333
<b>Total engineering construction.....</b>	<b>3, 090</b>	<b>323</b>	<b>3, 415</b>	<b>5, 945</b>	<b>193</b>	<b>6, 140</b>	<b>7, 865</b>	<b>167</b>	<b>8, 032</b>

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - PROVINCES 1963-65<sup>1</sup>

Table 18, Newfoundland

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>158,965</b>	<b>26,250</b>	<b>185,215</b>	<b>166,031</b>	<b>29,319</b>	<b>195,350</b>	<b>137,947</b>	<b>30,904</b>	<b>168,851</b>
<b>Total building construction .....</b>	<b>99,199</b>	<b>14,351</b>	<b>113,550</b>	<b>86,625</b>	<b>15,515</b>	<b>102,140</b>	<b>78,244</b>	<b>17,027</b>	<b>95,271</b>
Residential .....	31,300	7,600	38,900	34,800	9,800	44,600	38,100	10,400	48,500
Industrial .....	40,007	1,842	41,849	22,685	1,934	24,619	8,982	1,898	10,880
Commercial .....	8,634	2,401	11,035	11,804	2,135	13,939	12,748	2,402	15,150
Institutional .....	17,646	1,814	19,460	16,280	1,134	17,414	15,827	1,785	17,612
Other building construction .....	1,612	694	2,306	1,056	512	1,568	2,587	542	3,129
<b>Total engineering construction .....</b>	<b>59,766</b>	<b>11,899</b>	<b>71,665</b>	<b>79,406</b>	<b>13,804</b>	<b>93,210</b>	<b>59,703</b>	<b>13,877</b>	<b>73,580</b>
Marine construction .....	5,290	1,524	6,814	15,938	1,561	17,499	11,836	1,623	13,459
Road highway and aerodrome construction .....	26,816	7,851	34,667	43,668	9,728	53,396	36,940	9,816	46,756
Waterworks and sewage systems .....	3,242	426	3,668	1,735	237	1,972	385	165	550
Dams and irrigation .....	641	70	711	18	69	87	18	4	22
Electric power construction .....	14,416	733	15,149	5,994	790	6,784	4,523	648	5,171
Railway, telephone and telegraph .....	4,580	979	5,559	3,328	1,007	4,335	1,888	1,230	3,118
Gas and oil facilities .....	1,025	116	1,141	234	32	266	920	42	962
Other engineering construction .....	3,756	200	3,956	8,491	380	8,871	3,193	349	3,542

TABLE 19. Prince Edward Island<sup>1</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>29,528</b>	<b>8,798</b>	<b>38,326</b>	<b>26,389</b>	<b>8,044</b>	<b>34,433</b>	<b>27,298</b>	<b>8,338</b>	<b>35,636</b>
<b>Total building construction .....</b>	<b>18,106</b>	<b>5,403</b>	<b>23,509</b>	<b>16,975</b>	<b>4,356</b>	<b>21,331</b>	<b>17,751</b>	<b>4,611</b>	<b>22,362</b>
Residential .....	7,400	2,700	10,100	5,600	1,700	7,300	6,700	1,800	8,500
Industrial .....	231	227	458	1,775	200	1,975	2,508	231	2,739
Commercial .....	4,639	656	5,295	6,742	677	7,419	4,359	762	5,121
Institutional .....	4,932	391	5,323	1,427	276	1,703	2,655	259	2,914
Other building construction .....	904	1,429	2,333	1,431	1,503	2,934	1,529	1,559	3,088
<b>Total engineering construction .....</b>	<b>11,422</b>	<b>3,395</b>	<b>14,817</b>	<b>9,414</b>	<b>3,688</b>	<b>13,102</b>	<b>9,547</b>	<b>3,727</b>	<b>13,274</b>
Marine construction .....	1,142	716	1,858	1,109	716	1,825	1,199	767	1,966
Road, highway and aerodrome construction .....	6,009	1,476	7,485	5,446	1,763	7,209	5,330	1,780	7,110
Waterworks and sewage systems .....	415	286	701	219	239	458	182	242	423
Dams and irrigation .....	80	66	146	89	78	167	91	77	168
Electric power construction .....	2,564	354	2,918	795	465	1,260	1,049	362	1,411
Railway, telephone and telegraph .....	770	163	933	664	168	832	560	205	765
Gas and oil facilities .....	16	—	16	248	3	251	67	4	71
Other engineering construction .....	426	334	760	844	256	1,100	1,070	290	1,360

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

TABLE 20. Nova Scotia<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>155,787</b>	<b>57,321</b>	<b>213,108</b>	<b>162,352</b>	<b>56,930</b>	<b>219,282</b>	<b>223,413</b>	<b>62,558</b>	<b>285,971</b>
<b>Total building construction.....</b>	<b>97,522</b>	<b>33,039</b>	<b>130,561</b>	<b>100,455</b>	<b>29,762</b>	<b>130,217</b>	<b>139,745</b>	<b>31,118</b>	<b>170,863</b>
<b>Residential .....</b>	<b>44,300</b>	<b>15,200</b>	<b>59,500</b>	<b>47,000</b>	<b>13,300</b>	<b>60,300</b>	<b>51,600</b>	<b>14,100</b>	<b>65,700</b>
<b>Industrial .....</b>	<b>8,910</b>	<b>4,670</b>	<b>13,580</b>	<b>14,847</b>	<b>3,597</b>	<b>18,444</b>	<b>25,502</b>	<b>3,563</b>	<b>29,065</b>
2. Factories, plants, workshops, food canneries.....	8,216	4,147	12,363	14,184	2,947	17,131	25,120	2,756	27,876
3. Mine and mine mill buildings .....	118	42	160	190	65	255	82	106	188
4. Railway stations, offices, roadway buildings .....	439	346	785	340	396	736	217	488	705
5. Railway shops, engine houses, water and fuel stations .....	137	135	272	133	189	322	83	213	296
<b>Commercial .....</b>	<b>14,572</b>	<b>5,209</b>	<b>19,781</b>	<b>13,792</b>	<b>4,857</b>	<b>18,649</b>	<b>20,864</b>	<b>5,148</b>	<b>26,012</b>
6. Warehouses, storehouses, refrigerated atorage, etc. ....	907	957	1,864	1,630	839	2,469	1,499	835	2,334
7. Grain elevators.....	24	59	83	256	78	334	1,005	102	1,107
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,340	642	1,982	750	536	1,286	1,546	649	2,195
9. Office buildings .....	3,377	1,726	5,103	3,831	1,421	5,252	7,004	1,637	8,641
10. Stores, retail and wholesale.....	6,794	838	7,632	5,329	1,155	6,484	7,600	1,164	8,764
11. Garages and service stations.....	1,728	656	2,384	1,339	439	1,778	1,377	463	1,840
12. Theatres, arenas, amusement and recreational buildings .....	402	323	725	612	361	973	833	282	1,115
13. Laundries and dry cleaning establishments.....	—	8	8	45	28	73	—	16	16
<b>Institutional .....</b>	<b>24,942</b>	<b>2,572</b>	<b>27,514</b>	<b>20,154</b>	<b>2,763</b>	<b>22,917</b>	<b>36,416</b>	<b>2,892</b>	<b>39,308</b>
14. Schools and other educational buildings .....	13,895	1,391	15,286	8,331	1,370	9,701	17,929	1,310	19,239
15. Churches and other religious buildings .....	1,460	203	1,663	4,160	418	4,578	5,089	352	5,441
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,125	877	9,002	7,124	924	8,048	12,965	1,191	14,156
17. Other institutional buildings .....	1,462	101	1,563	539	51	590	433	39	472
<b>Other building construction .....</b>	<b>4,798</b>	<b>5,388</b>	<b>10,186</b>	<b>4,662</b>	<b>5,245</b>	<b>9,907</b>	<b>5,363</b>	<b>5,415</b>	<b>10,778</b>
18. Farm buildings (excluding dwellings).....	1,767	1,037	2,804	1,839	1,077	2,916	1,850	1,082	2,932
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	652	472	1,124	246	361	607	587	374	961
20. Aeroplane hangars .....	811	651	1,462	1,010	637	1,647	1,165	667	1,832
21. Passenger terminals, bus, boat or air.....	658	10	668	394	5	399	430	2	432
22. Armouries, barracks, drill halls, etc. ....	348	2,463	2,811	473	2,420	2,893	545	2,537	3,082
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	76	46	122	94	48	142	95	51	146
24. Other building construction .....	486	709	1,195	606	697	1,303	691	702	1,393
<b>Total engineering construction .....</b>	<b>58,265</b>	<b>24,282</b>	<b>82,547</b>	<b>61,897</b>	<b>27,168</b>	<b>89,065</b>	<b>83,668</b>	<b>31,440</b>	<b>115,108</b>
<b>Marine construction .....</b>	<b>6,699</b>	<b>1,603</b>	<b>8,302</b>	<b>7,930</b>	<b>1,537</b>	<b>9,467</b>	<b>9,132</b>	<b>1,750</b>	<b>10,882</b>
25. Docks, wharves, piers, breakwaters .....	5,987	1,129	7,116	6,887	963	7,850	7,919	1,139	9,058
26. Retaining walls, embankments, riprapping.....	298	55	353	405	54	459	466	56	522
27. Canals and waterways.....	—	1	1	—	—	—	—	—	—
28. Dredging and pile driving .....	61	380	441	83	383	466	95	391	486
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction.....	353	38	391	555	137	692	652	164	816

See footnotes at end of table.

TABLE 20. Nova Scotia<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>ad, highway and aerodrome construction .....</b>	<b>19,707</b>	<b>10,140</b>	<b>29,847</b>	<b>21,667</b>	<b>12,593</b>	<b>34,260</b>	<b>28,665</b>	<b>13,530</b>	<b>42,195</b>
Hard surfaced or paved streets, highways, parking lots, etc. ..	17,289	9,183	26,472	19,497	11,650	31,147	25,243	12,532	37,775
Gravel or stone streets, highways, roads, parking lots, etc. ....	312	210	522	297	208	505	473	220	693
Dirt, clay or other streets, roads, parking lots, etc. ....	465	231	696	460	230	690	469	246	715
Grading, scraping, oiling, filling .....	10	13	23	10	13	23	35	16	51
Sidewalks, paths .....	1,282	83	1,365	929	79	1,008	1,899	83	1,982
Aerodromes, landing fields, runways, tarmac .....	349	420	769	474	413	887	546	433	979
<b>terworks and sewage systems .....</b>	<b>4,202</b>	<b>1,494</b>	<b>5,696</b>	<b>4,722</b>	<b>1,648</b>	<b>6,370</b>	<b>7,145</b>	<b>1,535</b>	<b>8,680</b>
Tile drains, drainage ditches, storm sewers .....	473	186	659	231	182	413	337	194	531
Water mains, hydrants and services .....	1,599	822	2,421	1,206	591	1,797	3,780	541	4,321
Sewage systems and connections .....	2,058	435	2,493	3,095	851	3,946	2,603	772	3,375
Pumping stations, water .....	8	33	41	23	8	31	397	10	407
Water storage tanks .....	64	18	82	167	16	183	28	18	46
<b>ms and irrigation .....</b>	<b>574</b>	<b>230</b>	<b>804</b>	<b>656</b>	<b>221</b>	<b>877</b>	<b>804</b>	<b>228</b>	<b>1,032</b>
Dams and reservoirs .....	359	104	463	432	87	519	579	97	676
Irrigation and land reclamation projects .....	215	126	341	224	134	358	225	131	356
<b>lectric power construction .....</b>	<b>6,261</b>	<b>2,367</b>	<b>8,628</b>	<b>8,619</b>	<b>2,007</b>	<b>10,626</b>	<b>21,664</b>	<b>3,828</b>	<b>25,492</b>
Electric power generating plants, including water conveying and controlling structures .....	1,964	343	2,307	2,940	311	3,251	8,810	971	9,781
Electric transformer stations .....	361	427	788	712	377	1,089	1,661	530	2,191
Power transmission and distribution lines, trolley wires .....	3,704	1,522	5,226	4,398	1,172	5,570	10,196	2,142	12,338
Street lighting .....	232	75	307	569	147	716	997	185	1,182
<b>ilway, telephone and telegraph .....</b>	<b>7,316</b>	<b>4,328</b>	<b>11,644</b>	<b>6,684</b>	<b>4,419</b>	<b>11,103</b>	<b>5,785</b>	<b>5,415</b>	<b>11,200</b>
Railway tracks and roadbed .....	3,690	3,047	6,737	2,844	3,144	5,988	1,958	3,960	5,918
Signals and interlockers .....	258	198	456	207	218	425	142	272	414
Telegraph and telephone lines underground and marine cables	3,368	1,083	4,451	3,633	1,057	4,690	3,685	1,183	4,868
<b>s and oil facilities .....</b>	<b>8,940</b>	<b>1,538</b>	<b>10,478</b>	<b>3,005</b>	<b>1,998</b>	<b>5,003</b>	<b>2,228</b>	<b>2,067</b>	<b>4,295</b>
Gas mains and services .....	-	-	-	-	-	-	-	-	-
Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
Pumping stations, gas .....	-	-	-	-	-	-	-	-	-
Oil storage tanks .....	1,569	11	1,580	361	55	416	237	47	284
Gas storage tanks .....	-	7	7	-	-	-	-	-	-
Oil pipe lines .....	1,799	39	1,838	952	-	952	1,092	6	1,098
Gas pipe lines .....	-	-	-	-	-	-	-	-	-
Oil wells .....	-	-	-	431	-	431	-	-	-
Gas wells .....	-	-	-	-	-	-	-	-	-
Oil refinery - Processing units <sup>3</sup> .....	5,572	1,481	7,053	1,261	1,943	3,204	899	2,014	2,913
Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>ther engineering construction .....</b>	<b>4,566</b>	<b>2,582</b>	<b>7,148</b>	<b>8,614</b>	<b>2,745</b>	<b>11,359</b>	<b>8,245</b>	<b>3,087</b>	<b>11,332</b>
Bridges, trestles, culverts, overpasses, viaducts .....	2,945	1,581	4,526	4,414	1,526	5,940	4,990	1,772	6,762
Tunnels and subways .....	-	20	20	1	20	21	1	21	22
Incinerators .....	-	3	3	5	3	8	-	3	3
Park systems, landscaping, sodding, etc. ....	372	121	493	630	147	777	712	163	875
Swimming pools, tennis courts, outdoor recreation facilities ...	34	38	72	8	37	45	10	39	49
Mine shafts and other below surface workings .....	596	294	890	2,231	470	2,701	698	505	1,203
Fences, snowsheds, signs, guard rails .....	451	295	746	384	306	690	386	331	717
Other engineering construction .....	168	230	398	941	236	1,177	1,448	253	1,701

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery-Processing units" includes related structures employed in production of petrochemicals.



TABLE 21. New Brunswick<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>117,783</b>	<b>40,740</b>	<b>158,523</b>	<b>155,875</b>	<b>41,795</b>	<b>197,670</b>	<b>196,958</b>	<b>46,540</b>	<b>243,498</b>
<b>Total building construction .....</b>	<b>66,467</b>	<b>20,055</b>	<b>86,522</b>	<b>90,476</b>	<b>19,874</b>	<b>110,350</b>	<b>116,624</b>	<b>21,293</b>	<b>137,917</b>
<b>Residential .....</b>	<b>24,000</b>	<b>10,300</b>	<b>34,300</b>	<b>33,500</b>	<b>9,800</b>	<b>43,300</b>	<b>38,100</b>	<b>10,400</b>	<b>48,500</b>
<b>Industrial .....</b>	<b>12,021</b>	<b>2,846</b>	<b>14,867</b>	<b>25,871</b>	<b>2,499</b>	<b>28,370</b>	<b>31,894</b>	<b>3,100</b>	<b>34,994</b>
2. Factories, plants, workshops, food canneries .....	5,736	1,853	7,589	20,945	1,438	22,383	29,786	1,397	31,183
3. Mine and mine mill buildings .....	5,414	22	5,436	3,954	32	3,986	1,568	531	2,099
4. Railway stations, offices, roadway buildings .....	601	572	1,173	582	633	1,215	326	771	1,097
5. Railway shops, engine houses, water and fuel stations .....	270	399	669	390	396	786	214	401	615
<b>Commercial .....</b>	<b>10,020</b>	<b>3,223</b>	<b>13,243</b>	<b>13,134</b>	<b>3,550</b>	<b>16,684</b>	<b>19,845</b>	<b>3,944</b>	<b>23,789</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	821	455	1,276	2,584	536	3,120	1,939	497	2,436
7. Grain elevators .....	3	43	46	6	16	22	2	21	23
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,030	230	1,260	1,170	253	1,423	2,288	261	2,549
9. Office buildings .....	3,880	1,352	5,232	6,310	1,524	7,834	8,403	1,812	10,215
10. Stores, retail and wholesale .....	2,522	621	3,143	2,223	638	2,861	5,381	773	6,154
11. Garages and service stations .....	1,479	357	1,836	413	497	910	1,013	482	1,495
12. Theatres, arenas, amusement and recreational buildings .....	236	99	335	412	70	482	803	82	885
13. Laundries and dry cleaning establishments .....	49	66	115	16	16	32	16	16	32
<b>Institutional .....</b>	<b>15,804</b>	<b>1,355</b>	<b>17,159</b>	<b>12,578</b>	<b>1,293</b>	<b>13,871</b>	<b>17,926</b>	<b>1,031</b>	<b>18,957</b>
14. Schools and other educational buildings .....	10,369	407	10,776	8,980	264	9,244	11,541	207	11,748
15. Churches and other religious buildings .....	1,681	172	1,853	1,544	298	1,842	1,963	232	2,195
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,649	702	4,351	1,629	657	2,286	3,280	537	3,817
17. Other institutional buildings .....	105	74	179	425	74	499	1,142	55	1,197
<b>Other building construction .....</b>	<b>4,622</b>	<b>2,331</b>	<b>6,953</b>	<b>5,393</b>	<b>2,732</b>	<b>8,125</b>	<b>8,859</b>	<b>2,818</b>	<b>11,677</b>
18. Farm buildings (excluding dwellings) .....	1,518	1,034	2,552	1,685	1,148	2,833	1,700	1,157	2,857
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	741	273	1,014	886	259	1,145	1,840	279	2,119
20. Aeroplane hangars .....	565	77	642	883	76	959	1,253	81	1,334
21. Passenger terminals, bus, boat or air .....	93	16	109	150	14	164	156	15	171
22. Armouries, barracks, drill halls, etc. ....	481	315	796	666	313	979	805	333	1,138
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	727	146	873	465	445	910	2,368	301	2,669
24. Other building construction .....	497	470	967	658	477	1,135	737	652	1,389
<b>Total engineering construction .....</b>	<b>51,316</b>	<b>20,685</b>	<b>72,001</b>	<b>65,399</b>	<b>21,921</b>	<b>87,320</b>	<b>80,334</b>	<b>25,247</b>	<b>105,581</b>
<b>Marine construction .....</b>	<b>2,936</b>	<b>963</b>	<b>3,899</b>	<b>4,221</b>	<b>916</b>	<b>5,137</b>	<b>5,362</b>	<b>1,001</b>	<b>6,363</b>
25. Docks, wharves, piers, breakwaters .....	1,274	520	1,794	1,883	483	2,366	2,581	490	3,071
26. Retaining walls, embankments, riprapping .....	655	28	683	907	28	935	1,096	30	1,126
27. Canals and waterways .....	—	1	1	—	—	—	—	—	—
28. Dredging and pile driving .....	900	341	1,241	1,283	335	1,618	1,506	392	1,898
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	30	30	—	27	27	—	44	44
31. Other marine construction .....	107	43	150	148	43	191	179	45	224

See footnotes at end of table.

TABLE 21. New Brunswick<sup>1 2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Road, highway and aerodrome construction</b> .....	<b>20,341</b>	<b>7,954</b>	<b>28,295</b>	<b>27,316</b>	<b>9,371</b>	<b>36,687</b>	<b>27,086</b>	<b>10,932</b>	<b>38,018</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ..	15,034	1,224	16,258	21,451	1,818	23,269	21,283	2,718	24,001
33. Gravel or stone streets, highways, roads, parking lots, etc. ..	4,052	5,949	10,001	3,767	6,655	10,422	3,885	7,161	11,046
34. Dirt, clay or other streets, roads, parking lots, etc. ....	489	444	933	931	591	1,522	737	727	1,464
35. Grading, scraping, oiling, filling .....	66	4	70	253	6	259	110	6	116
36. Sidewalks, paths .....	142	96	238	143	68	211	137	67	204
37. Aerodromes, landing fields, runways, tarmac .....	558	237	795	771	233	1,004	934	253	1,187
<b>Waterworks and sewage systems</b> .....	<b>2,081</b>	<b>1,252</b>	<b>3,333</b>	<b>4,747</b>	<b>642</b>	<b>5,389</b>	<b>5,856</b>	<b>593</b>	<b>6,449</b>
38. Tile drains, drainage ditches, storm sewers .....	166	115	281	210	129	339	183	130	313
39. Water mains, hydrants and services .....	946	966	1,912	2,950	340	3,290	905	297	1,202
40. Sewage systems and connections .....	695	139	834	1,276	143	1,419	738	138	876
41. Pumping stations, water .....	247	11	258	253	8	261	4	9	13
42. Water storage tanks .....	27	21	48	58	22	80	4,026	19	4,045
<b>Dams and irrigation</b> .....	<b>1,079</b>	<b>153</b>	<b>1,232</b>	<b>211</b>	<b>168</b>	<b>379</b>	<b>219</b>	<b>173</b>	<b>392</b>
43. Dams and reservoirs .....	889	21	910	—	22	22	5	26	31
44. Irrigation and land reclamation projects .....	190	132	322	211	146	357	214	147	361
<b>Electric power construction</b> .....	<b>8,575</b>	<b>1,342</b>	<b>9,917</b>	<b>12,525</b>	<b>1,332</b>	<b>13,857</b>	<b>28,154</b>	<b>1,673</b>	<b>29,827</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,393	84	2,477	3,084	190	3,274	20,568	407	20,975
46. Electric transformer stations .....	685	5	690	2,331	30	2,361	830	28	858
47. Power transmission and distribution lines, trolley wires .....	5,346	1,234	6,580	6,890	1,020	7,910	6,560	1,143	7,703
48. Street lighting .....	151	19	170	220	92	312	196	95	291
<b>Railway, telephone and telegraph</b> .....	<b>9,260</b>	<b>5,998</b>	<b>15,258</b>	<b>9,221</b>	<b>6,274</b>	<b>15,495</b>	<b>6,567</b>	<b>7,484</b>	<b>14,051</b>
49. Railway tracks and roadbed .....	5,296	4,575	9,871	5,276	4,805	10,081	2,799	5,890	8,689
50. Signals and interlockers .....	350	375	725	447	374	821	229	455	684
51. Telegraph and telephone lines, underground and marine cables	3,614	1,048	4,662	3,498	1,095	4,593	3,539	1,139	4,678
<b>Gas and oil facilities</b> .....	<b>427</b>	<b>571</b>	<b>998</b>	<b>383</b>	<b>781</b>	<b>1,164</b>	<b>312</b>	<b>782</b>	<b>1,094</b>
52. Gas mains and services .....	—	8	8	4	10	14	6	10	16
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	255	5	260	306	21	327	252	22	274
56. Gas storage tanks .....	34	—	34	—	—	—	—	—	—
57. Oil pipe lines .....	27	—	27	35	—	35	3	—	3
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	25	—	25	5	—	5	21	—	21
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	86	558	644	33	750	783	30	750	780
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>6,617</b>	<b>2,452</b>	<b>9,069</b>	<b>6,775</b>	<b>2,437</b>	<b>9,212</b>	<b>6,778</b>	<b>2,609</b>	<b>9,387</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,418	1,559	4,977	4,579	1,638	6,217	5,266	1,756	7,022
64. Tunnels and subways .....	—	22	22	7	22	29	2	23	25
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	96	216	312	158	222	380	214	240	454
67. Swimming pools, tennis courts, outdoor recreation facilities ..	116	20	136	171	20	191	204	21	225
68. Mine shafts and other below surface workings .....	2,104	—	2,104	1,147	—	1,147	400	—	400
69. Fences, snowsheds, signs, guard rails .....	381	397	778	409	299	708	346	329	675
70. Other engineering construction .....	502	238	740	304	236	540	346	240	586

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery-Processing units" includes related structures employed in production of petrochemicals.



TABLE 22. Quebec<sup>1 2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,581,136</b>	<b>382,784</b>	<b>1,963,920</b>	<b>1,941,598</b>	<b>395,647</b>	<b>2,337,245</b>	<b>2,360,462</b>	<b>417,912</b>	<b>2,778,374</b>
<b>Total building construction .....</b>	<b>1,009,495</b>	<b>256,675</b>	<b>1,266,170</b>	<b>1,129,559</b>	<b>258,930</b>	<b>1,388,489</b>	<b>1,340,541</b>	<b>271,629</b>	<b>1,612,170</b>
<b>Residential .....</b>	<b>493,900</b>	<b>155,100</b>	<b>649,000</b>	<b>548,900</b>	<b>156,400</b>	<b>705,300</b>	<b>608,200</b>	<b>165,900</b>	<b>774,100</b>
<b>Industrial .....</b>	<b>89,588</b>	<b>33,706</b>	<b>123,294</b>	<b>142,576</b>	<b>35,305</b>	<b>177,881</b>	<b>119,457</b>	<b>36,366</b>	<b>155,823</b>
2. Factories, plants, workshops, food canneries....	76,016	27,693	103,709	98,474	29,493	127,967	101,960	29,930	131,890
3. Mine and mine mill buildings .....	11,250	2,094	13,344	39,378	2,307	41,685	11,188	2,327	13,515
4. Railway stations, offices, roadway buildings .....	1,701	2,183	3,884	1,809	2,193	4,002	3,086	2,589	5,675
5. Railway shops, engine houses, water and fuel stations .....	621	1,736	2,357	2,915	1,312	4,227	3,223	1,520	4,743
<b>Commercial .....</b>	<b>178,782</b>	<b>29,216</b>	<b>207,998</b>	<b>182,880</b>	<b>34,845</b>	<b>217,725</b>	<b>287,132</b>	<b>34,630</b>	<b>321,762</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,057	2,924	18,981	15,438	4,122	19,560	16,262	3,876	20,138
7. Grain elevators .....	6,191	935	7,126	3,018	1,097	4,115	1,525	1,394	2,919
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	15,717	3,718	19,435	23,460	3,541	27,001	30,536	3,630	34,166
9. Office buildings .....	81,365	11,203	92,568	81,180	15,263	96,443	127,933	15,276	143,209
10. Stores, retail and wholesale .....	36,764	6,731	43,495	41,921	6,680	48,601	52,113	6,926	59,039
11. Garages and service stations .....	5,555	2,259	7,814	9,604	2,751	12,355	8,290	2,180	10,470
12. Theatres, arenas, amusement and recreational buildings .....	16,895	1,183	18,078	7,690	1,009	8,699	50,229	1,066	51,295
13. Laundries and dry cleaning establishments .....	238	263	501	569	382	951	244	282	526
<b>Institutional .....</b>	<b>202,663</b>	<b>22,726</b>	<b>225,389</b>	<b>206,077</b>	<b>16,410</b>	<b>222,487</b>	<b>266,398</b>	<b>18,881</b>	<b>285,279</b>
14. Schools and other educational buildings .....	138,437	7,972	146,409	142,644	6,597	149,241	188,290	7,984	196,274
15. Churches and other religious buildings .....	11,904	2,799	14,703	7,947	2,772	10,719	9,365	3,532	12,897
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	36,758	7,626	44,384	40,632	5,800	46,432	49,830	6,129	55,959
17. Other institutional buildings .....	15,564	4,329	19,893	14,854	1,241	16,095	18,913	1,236	20,149
<b>Other building construction .....</b>	<b>44,562</b>	<b>15,927</b>	<b>60,489</b>	<b>49,126</b>	<b>15,970</b>	<b>65,096</b>	<b>59,354</b>	<b>15,852</b>	<b>75,206</b>
18. Farm buildings (excluding dwellings) .....	27,541	8,739	36,280	27,023	8,556	35,579	26,974	8,504	35,478
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	9,853	1,953	11,806	8,907	687	9,594	11,041	742	11,783
20. Aeroplane hangars .....	692	353	1,045	153	334	487	196	355	551
21. Passenger terminals, bus, boat or air .....	469	164	633	159	706	865	11,069	329	11,398
22. Armouries, barracks, drill halls, etc. ....	244	3,112	3,356	387	3,043	3,430	495	3,237	3,732
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,666	1,007	3,673	3,192	1,168	4,360	3,752	1,125	4,877
24. Other building construction .....	3,097	599	3,696	9,305	1,476	10,781	5,827	1,560	7,387
<b>Total engineering construction .....</b>	<b>571,641</b>	<b>126,109</b>	<b>697,750</b>	<b>812,039</b>	<b>136,717</b>	<b>948,756</b>	<b>1,019,921</b>	<b>146,283</b>	<b>1,166,204</b>
<b>Marine construction .....</b>	<b>12,368</b>	<b>4,266</b>	<b>16,634</b>	<b>10,448</b>	<b>3,225</b>	<b>13,673</b>	<b>13,470</b>	<b>3,510</b>	<b>16,980</b>
25. Docks, wharves, piers, breakwaters .....	6,612	1,982	8,594	9,352	1,853	11,205	10,787	1,925	12,712
26. Retaining walls, embankments, riprapping .....	2,420	834	3,254	726	28	754	1,217	95	1,312
27. Canals and waterways .....	162	232	394	144	401	545	597	487	1,084
28. Dredging and pile driving .....	452	716	1,168	64	805	869	106	764	870
29. Dyke construction .....	1,892	137	2,029	—	—	—	1	50	51
30. Logging booms .....	77	157	234	54	116	170	720	165	885
31. Other marine construction .....	753	208	961	108	22	130	42	24	66

See footnotes at end of table.



TABLE 22. Quebec<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>153,349</b>	<b>43,112</b>	<b>196,461</b>	<b>279,061</b>	<b>52,540</b>	<b>331,601</b>	<b>358,165</b>	<b>54,829</b>	<b>412,994</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	61,195	14,308	75,503	256,510	45,294	301,804	337,018	47,391	384,409
33. Gravel or stone streets, highways, roads, parking lots, etc....	76,936	18,007	94,943	9,538	3,127	12,665	8,319	3,236	11,555
34. Dirt, clay or other streets, roads, parking lots, etc.....	5,583	1,672	7,255	4,216	2,082	6,298	3,655	2,137	5,792
35. Grading, scraping, oiling, filling.....	1,751	7,016	8,767	751	59	810	308	62	370
36. Sidewalks, paths.....	6,802	1,673	8,475	6,875	1,609	8,484	7,371	1,611	8,982
37. Aerodromes, landing fields, runways, tarmac .....	1,082	436	1,518	1,171	369	1,540	1,494	392	1,886
<b>Waterworks and sewage systems .....</b>	<b>40,196</b>	<b>10,700</b>	<b>50,896</b>	<b>45,739</b>	<b>10,365</b>	<b>56,104</b>	<b>64,910</b>	<b>11,940</b>	<b>76,850</b>
38. Tile drains, drainage ditches, storm sewers .....	4,744	1,417	6,161	5,577	982	6,559	5,342	983	6,325
39. Water mains, hydrants and services .....	17,249	7,122	24,371	19,890	7,057	26,947	33,925	6,876	40,801
40. Sewage systems and connections .....	14,927	1,429	16,356	14,840	1,338	16,178	17,692	1,292	18,984
41. Pumping stations, water .....	2,032	538	2,570	4,424	333	4,757	7,022	448	7,470
42. Water storage tanks .....	1,244	194	1,438	1,008	655	1,663	929	2,341	3,270
<b>Dams and irrigation.....</b>	<b>8,978</b>	<b>1,343</b>	<b>10,321</b>	<b>47,822</b>	<b>1,283</b>	<b>49,105</b>	<b>48,513</b>	<b>1,285</b>	<b>49,798</b>
43. Dams and reservoirs .....	5,589	281	5,870	42,173	241	42,414	43,207	246	43,453
44. Irrigation and land reclamation projects .....	3,389	1,062	4,451	5,649	1,042	6,691	5,306	1,039	6,345
<b>Electric power construction .....</b>	<b>191,984</b>	<b>11,964</b>	<b>203,948</b>	<b>264,582</b>	<b>9,057</b>	<b>273,639</b>	<b>297,263</b>	<b>9,830</b>	<b>307,093</b>
45. Electric power generating plants, including water conveying and controlling structures.....	128,484	4,156	132,640	113,975	3,623	117,598	143,173	3,948	147,121
46. Electric transformer stations .....	18,667	2,699	21,366	67,069	1,046	68,115	71,353	1,271	72,624
47. Power transmission and distribution lines, trolley wires.....	41,581	4,127	45,708	82,321	3,693	86,014	80,657	3,888	84,545
48. Street lighting .....	3,252	982	4,234	1,217	695	1,912	2,080	723	2,803
<b>Railway, telephone and telegraph .....</b>	<b>48,150</b>	<b>29,798</b>	<b>77,948</b>	<b>55,875</b>	<b>31,635</b>	<b>87,510</b>	<b>70,289</b>	<b>36,260</b>	<b>106,549</b>
49. Railway tracks and roadbed .....	17,560	17,080	34,640	14,577	19,820	34,397	20,766	23,530	44,296
50. Signals and interlockers .....	1,052	1,786	2,838	2,488	1,563	4,051	2,869	1,860	4,729
51. Telegraph and telephone lines, underground and marine cables	29,538	10,932	40,470	38,810	10,252	49,062	46,654	10,870	57,524
<b>Gas and oil facilities.....</b>	<b>22,334</b>	<b>10,365</b>	<b>32,699</b>	<b>15,335</b>	<b>11,147</b>	<b>26,482</b>	<b>28,846</b>	<b>10,161</b>	<b>39,007</b>
52. Gas mains and services.....	8,644	956	9,600	5,361	961	6,322	5,442	876	6,318
53. Pumping stations, oil .....	13	2	15	—	8	8	—	11	11
54. Pumping stations, gas .....	158	3	161	111	—	111	161	—	161
55. Oil storage tanks .....	2,497	468	2,965	3,614	576	4,190	1,278	645	1,923
56. Gas storage tanks .....	116	22	138	557	41	598	—	32	32
57. Oil pipe lines .....	171	84	255	196	116	312	7,609	202	7,811
58. Gas pipe lines .....	242	21	263	147	27	174	141	22	163
59. Oil wells .....	50	—	50	—	—	—	—	—	—
60. Gas wells .....	50	—	50	—	—	—	—	—	—
61. Oil refinery - Processing units <sup>3</sup> .....	10,393	8,809	19,202	5,349	9,418	14,767	14,215	8,373	22,588
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction.....</b>	<b>94,282</b>	<b>14,561</b>	<b>108,843</b>	<b>93,177</b>	<b>17,465</b>	<b>110,642</b>	<b>138,465</b>	<b>18,468</b>	<b>156,933</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	51,685	4,972	56,657	26,999	5,682	32,681	59,643	6,432	66,075
64. Tunnels and subways .....	7,965	47	8,012	27,045	71	27,116	34,518	149	34,667
65. Incinerators .....	228	86	314	—	1	1	—	1	1
66. Park systems, landscaping, sodding, etc. ....	5,455	3,758	9,213	688	350	1,038	2,342	374	2,716
67. Swimming pools, tennis courts, outdoor recreation facilities ..	1,752	1,408	3,160	46	30	76	192	32	224
68. Mine shafts and other below surface workings .....	7,577	635	8,212	7,067	697	7,764	6,462	716	7,178
69. Fences, snowsheds, signs, guard rails .....	5,586	2,807	8,393	4,995	1,812	6,807	5,217	1,871	7,088
70. Other engineering construction .....	14,034	848	14,882	26,337	8,822	35,159	30,091	8,893	38,984

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, table 3.<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

TABLE 23. Ontario<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,088,431</b>	<b>531,751</b>	<b>2,620,182</b>	<b>2,227,405</b>	<b>588,655</b>	<b>2,816,060</b>	<b>2,621,659</b>	<b>627,470</b>	<b>3,249,129</b>
<b>Total building construction .....</b>	<b>1,394,885</b>	<b>341,977</b>	<b>1,736,862</b>	<b>1,532,282</b>	<b>372,341</b>	<b>1,904,623</b>	<b>1,841,503</b>	<b>392,550</b>	<b>2,234,053</b>
<b>Residential .....</b>	<b>599,000</b>	<b>192,600</b>	<b>791,600</b>	<b>774,300</b>	<b>220,400</b>	<b>994,700</b>	<b>857,300</b>	<b>233,800</b>	<b>1,091,100</b>
<b>Industrial .....</b>	<b>165,126</b>	<b>61,658</b>	<b>226,784</b>	<b>192,752</b>	<b>62,928</b>	<b>255,680</b>	<b>236,588</b>	<b>67,137</b>	<b>303,725</b>
2. Factories, plants, workshops, food canneries....	143,795	49,725	193,520	181,054	49,703	230,757	218,015	51,906	269,921
3. Mine and mine mill buildings .....	13,435	6,327	19,762	6,683	6,659	13,342	15,381	7,157	22,538
4. Railway stations, offices, roadway buildings ...	5,045	3,910	8,955	3,665	4,544	8,209	2,334	5,449	7,783
5. Railway shops, engine houses, water and fuel stations .....	2,851	1,696	4,547	1,350	2,022	3,372	858	2,625	3,483
<b>Commercial .....</b>	<b>222,546</b>	<b>40,443</b>	<b>262,989</b>	<b>258,569</b>	<b>42,147</b>	<b>300,716</b>	<b>339,804</b>	<b>43,421</b>	<b>383,225</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	18,821	4,289	23,110	24,533	4,132	28,665	16,792	4,271	21,063
7. Grain elevators .....	2,951	662	3,613	520	942	1,462	594	627	1,221
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	14,586	4,100	18,686	12,771	4,043	16,814	28,044	3,987	32,031
9. Office buildings .....	103,317	15,343	118,660	137,127	15,771	152,898	180,965	17,254	198,219
10. Stores, retail and wholesale .....	57,585	9,271	66,856	55,611	10,287	65,898	66,453	10,759	77,212
11. Garages and service stations .....	10,726	5,003	15,729	10,240	4,183	14,423	17,044	4,251	21,295
12. Theatres, arenas, amusement and recreational buildings .....	13,755	1,376	15,131	17,342	2,461	19,803	29,030	1,995	31,025
13. Laundries and dry cleaning establishments .....	805	399	1,204	425	328	753	882	277	1,159
<b>Institutional .....</b>	<b>331,027</b>	<b>19,427</b>	<b>350,454</b>	<b>232,966</b>	<b>18,651</b>	<b>251,617</b>	<b>320,757</b>	<b>19,328</b>	<b>340,085</b>
14. Schools and other educational buildings .....	249,300	7,907	257,207	144,997	8,012	153,009	191,330	8,148	199,478
15. Churches and other religious buildings .....	12,711	2,275	14,986	14,287	2,120	16,407	19,000	3,061	22,061
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	65,735	7,863	73,598	61,905	7,528	69,433	80,708	7,185	87,893
17. Other institutional buildings .....	3,281	1,382	4,663	11,777	991	12,768	29,719	934	30,653
<b>Other building construction .....</b>	<b>77,186</b>	<b>27,849</b>	<b>105,035</b>	<b>73,695</b>	<b>28,215</b>	<b>101,910</b>	<b>87,054</b>	<b>28,864</b>	<b>115,918</b>
18. Farm buildings (excluding dwellings) .....	35,206	18,976	54,182	35,733	19,304	55,037	35,599	19,429	55,028
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	12,623	1,506	14,129	10,006	1,567	11,573	10,032	1,687	11,719
20. Aeroplane hangars .....	143	926	1,069	218	926	1,144	180	978	1,158
21. Passenger terminals, bus, boat or air .....	17,670	39	17,709	17,154	98	17,252	18,687	135	18,822
22. Armouries, barracks, drill halls, etc. ....	817	4,529	5,346	784	4,505	5,289	865	4,781	5,646
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,154	482	1,636	813	444	1,257	4,706	453	5,159
24. Other building construction .....	9,573	1,391	10,964	8,987	1,371	10,358	16,985	1,401	18,386
<b>Total engineering construction .....</b>	<b>693,546</b>	<b>189,774</b>	<b>883,320</b>	<b>695,123</b>	<b>216,314</b>	<b>911,437</b>	<b>780,156</b>	<b>234,920</b>	<b>1,015,076</b>
<b>Marine construction .....</b>	<b>8,696</b>	<b>2,717</b>	<b>11,413</b>	<b>6,957</b>	<b>3,534</b>	<b>10,491</b>	<b>22,218</b>	<b>4,407</b>	<b>26,625</b>
25. Docks, wharves, piers, breakwaters .....	5,005	1,245	6,250	3,638	1,243	4,881	5,329	1,202	6,531
26. Retaining walls, embankments, riprapping .....	1,303	100	1,403	106	111	217	181	93	274
27. Canals and waterways .....	2,039	454	2,493	2,880	885	3,765	15,825	1,788	17,613
28. Dredging and pile driving .....	289	483	772	234	674	908	522	632	1,154
29. Dyke construction .....	5	—	5	10	14	24	9	5	14
30. Logging booms .....	4	88	92	23	91	114	—	101	101
31. Other marine construction .....	51	347	398	66	516	582	352	586	938

See footnotes at end of table.



TABLE 23. Ontario<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>197,692</b>	<b>55,868</b>	<b>253,560</b>	<b>198,287</b>	<b>73,127</b>	<b>271,414</b>	<b>220,794</b>	<b>76,353</b>	<b>297,147</b>
32. Hard surfaced or paved streets, highways, parking lots, etc..	162,647	43,568	206,215	169,118	54,377	223,495	187,876	56,000	243,876
33. Gravel or stone streets, highways, roads, parking lots, etc. ..	22,113	3,389	25,502	15,837	14,529	30,366	18,322	15,987	34,309
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,137	1,571	3,708	2,089	1,546	3,635	2,274	1,585	3,859
35. Grading, scraping, oiling, filling.....	213	4,977	5,190	425	461	886	247	555	802
36. Sidewalks, paths .....	4,333	2,053	6,386	4,823	1,894	6,717	5,402	1,887	7,289
37. Aerodromes, landing fields, runways, tarmac .....	6,249	310	6,559	5,995	320	6,315	6,673	339	7,012
<b>Waterworks and sewage systems .....</b>	<b>94,486</b>	<b>16,957</b>	<b>111,443</b>	<b>101,163</b>	<b>15,280</b>	<b>116,443</b>	<b>109,439</b>	<b>16,008</b>	<b>125,447</b>
38. Tile drains, drainage ditches, storm sewers .....	5,621	3,065	8,686	5,477	2,269	7,746	5,670	2,291	7,961
39. Water mains, hydrants and services .....	19,368	7,723	27,091	24,856	7,091	31,947	33,684	7,508	41,192
40. Sewage systems and connections .....	64,163	4,878	69,041	63,821	4,797	68,618	58,462	5,015	63,477
41. Pumping stations, water.....	4,363	916	5,279	6,381	758	7,139	10,701	819	11,520
42. Water storage tanks .....	971	375	1,346	628	365	993	922	375	1,297
<b>Dams and irrigation .....</b>	<b>8,666</b>	<b>2,663</b>	<b>11,329</b>	<b>8,787</b>	<b>2,616</b>	<b>11,403</b>	<b>8,893</b>	<b>2,638</b>	<b>11,531</b>
43. Dams and reservoirs .....	4,362	354	4,716	4,475	242	4,717	4,553	249	4,802
44. Irrigation and land reclamation projects.....	4,304	2,309	6,613	4,312	2,374	6,686	4,340	2,389	6,729
<b>Electric power construction .....</b>	<b>86,213</b>	<b>28,648</b>	<b>114,861</b>	<b>99,983</b>	<b>34,797</b>	<b>134,780</b>	<b>133,445</b>	<b>36,798</b>	<b>170,243</b>
45. Electric power generating plants, including water conveying and controlling structures.....	22,057	4,895	26,952	37,174	5,576	42,750	61,735	6,025	67,760
46. Electric transformer stations .....	6,964	2,195	9,159	7,885	2,842	10,727	8,780	3,137	11,917
47. Power transmission and distribution lines, trolley wires .....	52,713	17,727	70,440	50,284	23,031	73,315	58,204	24,234	82,438
48. Street lighting .....	4,479	3,831	8,310	4,640	3,348	7,988	4,726	3,402	8,128
<b>Railway, telephone and telegraph .....</b>	<b>91,053</b>	<b>50,377</b>	<b>141,430</b>	<b>79,388</b>	<b>53,934</b>	<b>133,322</b>	<b>72,097</b>	<b>62,728</b>	<b>134,825</b>
49. Railway tracks and roadbed .....	36,955	32,257	69,212	34,139	32,854	66,993	26,294	39,912	66,206
50. Signals and interlockers .....	5,092	2,860	7,952	2,722	2,840	5,562	1,964	3,225	5,189
51. Telegraph and telephone lines, underground and marine cable .....	49,006	15,260	64,266	42,527	18,240	60,767	43,839	19,591	63,430
<b>Gas and oil facilities.....</b>	<b>83,977</b>	<b>16,555</b>	<b>100,532</b>	<b>72,971</b>	<b>15,073</b>	<b>88,044</b>	<b>73,814</b>	<b>15,543</b>	<b>89,357</b>
52. Gas mains and services .....	35,973	2,759	38,732	25,489	1,992	27,481	24,587	2,190	26,777
53. Pumping stations, oil.....	896	170	1,066	1,078	238	1,316	385	200	585
54. Pumping stations, gas.....	20,298	273	20,571	26,679	363	27,042	9,592	351	9,943
55. Oil storage tanks .....	2,807	811	3,618	1,161	571	1,732	1,672	612	2,284
56. Gas storage tanks .....	30	—	30	70	22	92	320	—	320
57. Oil pipe lines .....	2,811	646	3,457	144	524	668	82	545	627
58. Gas pipe lines .....	1,709	214	1,923	10,091	320	10,411	6,853	331	7,184
59. Oil wells .....	863	225	1,088	714	268	982	822	276	1,098
60. Gas wells .....	1,608	306	1,914	560	243	803	549	137	686
61. Oil refinery—Processing units <sup>3</sup> .....	16,982	11,151	28,133	6,868	10,532	17,400	28,952	10,901	39,853
62. Natural gas cleaning plants .....	—	—	—	117	—	117	—	—	—
<b>Other engineering construction.....</b>	<b>122,763</b>	<b>15,989</b>	<b>138,752</b>	<b>127,587</b>	<b>17,953</b>	<b>145,540</b>	<b>139,456</b>	<b>20,445</b>	<b>159,901</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	80,317	5,581	85,898	66,699	9,794	76,493	68,175	11,745	79,920
64. Tunnels and subways .....	22,623	20	22,643	40,856	120	40,976	40,370	171	40,541
65. Incinerators.....	44	3	47	4	6	10	26	4	30
66. Park systems, landscaping, sodding, etc. ....	1,455	1,883	3,338	809	1,074	1,883	1,456	1,224	2,680
67. Swimming pools, tennis courts, outdoor recreation facilities ..	165	515	680	2,767	164	2,931	2,106	186	2,292
68. Mine shafts and other below surface working .....	8,850	835	9,685	5,185	721	5,906	12,790	730	13,520
69. Fences, snowsheds, signs, guard rails .....	6,880	5,063	11,943	6,274	3,764	10,038	5,973	3,977	9,950
70. Other engineering construction .....	2,429	2,089	4,518	4,993	2,310	7,303	8,560	2,408	10,968

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery-Processing units" includes related structures employed in production of petrochemicals.



TABLE 24. Manitoba<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>321,154</b>	<b>81,768</b>	<b>402,922</b>	<b>353,552</b>	<b>88,135</b>	<b>441,687</b>	<b>356,336</b>	<b>96,539</b>	<b>452,875</b>
<b>Total building construction .....</b>	<b>155,170</b>	<b>47,129</b>	<b>202,299</b>	<b>185,150</b>	<b>51,732</b>	<b>236,882</b>	<b>206,978</b>	<b>54,471</b>	<b>261,449</b>
<b>Residential .....</b>	<b>70,200</b>	<b>20,100</b>	<b>90,300</b>	<b>89,600</b>	<b>25,400</b>	<b>115,000</b>	<b>98,700</b>	<b>26,900</b>	<b>125,600</b>
<b>Industrial .....</b>	<b>11,926</b>	<b>7,263</b>	<b>19,189</b>	<b>17,122</b>	<b>6,232</b>	<b>23,354</b>	<b>17,045</b>	<b>6,703</b>	<b>23,748</b>
2. Factories, plants, workshops, food canneries .....	8,658	4,153	12,811	13,970	3,451	17,421	15,389	3,518	18,907
3. Mine and mine mill buildings .....	212	284	496	1,307	189	1,496	526	191	717
4. Railway stations, offices, roadway buildings .....	2,636	1,690	4,326	1,312	1,597	2,909	823	1,949	2,772
5. Railway shops, engine houses, water and fuel stations .....	420	1,136	1,556	533	995	1,528	307	1,045	1,352
<b>Commercial .....</b>	<b>30,067</b>	<b>7,037</b>	<b>37,104</b>	<b>29,793</b>	<b>8,422</b>	<b>38,215</b>	<b>37,543</b>	<b>8,983</b>	<b>46,526</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,253	810	2,063	2,183	1,290	3,473	3,289	1,346	4,635
7. Grain elevators .....	856	670	1,526	1,139	821	1,960	1,595	752	2,347
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,881	674	3,555	2,777	746	3,523	7,703	1,046	8,749
9. Office buildings .....	11,862	1,851	13,713	14,078	1,884	15,962	13,135	2,003	15,138
10. Stores, retail and wholesale .....	9,063	2,050	11,113	5,609	1,892	7,501	8,143	2,209	10,352
11. Garages and service stations .....	1,136	541	1,677	1,920	1,151	3,071	1,396	1,169	2,565
12. Theatres, arenas, amusement and recreational buildings .....	2,972	383	3,355	2,087	584	2,671	2,189	388	2,577
13. Laundries and dry cleaning establishments .....	44	58	102	—	54	54	93	70	163
<b>Institutional .....</b>	<b>26,241</b>	<b>7,735</b>	<b>33,976</b>	<b>32,735</b>	<b>6,547</b>	<b>39,282</b>	<b>38,092</b>	<b>6,705</b>	<b>44,797</b>
14. Schools and other educational buildings .....	18,999	6,105	25,104	20,091	4,865	24,956	19,614	4,800	24,414
15. Churches and other religious buildings .....	2,849	189	3,038	969	525	1,494	1,407	677	2,084
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,402	1,226	3,628	9,624	952	10,576	12,321	1,057	13,378
17. Other institutional buildings .....	1,991	215	2,206	2,051	205	2,256	4,750	171	4,921
<b>Other building construction .....</b>	<b>16,736</b>	<b>4,994</b>	<b>21,730</b>	<b>15,900</b>	<b>5,131</b>	<b>21,031</b>	<b>15,598</b>	<b>5,180</b>	<b>20,778</b>
18. Farm buildings (excluding dwellings) .....	9,962	3,281	13,243	10,874	3,581	14,455	10,642	3,499	14,141
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,210	327	4,537	2,495	333	2,828	1,607	364	1,971
20. Aeroplane hangars .....	53	245	298	57	238	295	67	248	315
21. Passenger terminals, bus, boat or air .....	1,298	1	1,299	1,260	10	1,270	1,437	10	1,447
22. Armouries, barracks, drill halls, etc. ....	466	641	1,107	453	636	1,089	515	678	1,193
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	197	210	407	72	82	154	441	85	526
24. Other building construction .....	550	289	839	689	251	940	889	296	1,185
<b>Total engineering construction .....</b>	<b>165,984</b>	<b>34,639</b>	<b>200,623</b>	<b>168,402</b>	<b>36,403</b>	<b>204,805</b>	<b>149,358</b>	<b>42,068</b>	<b>191,426</b>
<b>Marine construction .....</b>	<b>479</b>	<b>376</b>	<b>855</b>	<b>15,609</b>	<b>424</b>	<b>16,033</b>	<b>17,900</b>	<b>498</b>	<b>18,398</b>
25. Docks, wharves, piers, breakwaters .....	118	120	238	290	165	455	235	209	444
26. Retaining walls, embankments, riprapping .....	20	5	25	15,005	—	15,005	17,505	—	17,505
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	340	251	591	304	259	563	—	289	289
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	35	—	35
31. Other marine construction .....	1	—	1	10	—	10	125	—	125

See footnotes at end of table.

TABLE 24. Manitoba<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousand of dollars									
Road, highway and aerodrome construction .....	33,058	6,213	39,271	40,365	5,955	46,320	41,974	8,184	50,158
12. Hard surfaced or paved streets, highways, parking lots, etc. ....	17,213	3,889	21,102	22,466	3,379	25,845	21,303	4,239	25,542
13. Gravel or stone streets, highways, roads, parking lots, etc. ..	4,673	1,037	5,710	5,571	1,183	6,754	7,165	1,866	9,031
14. Dirt, clay or other streets, roads, parking lots, etc. ....	188	88	276	201	99	300	217	101	318
15. Grading, scraping, oiling, filling.....	8,215	925	9,140	9,403	1,024	10,427	10,300	1,698	11,998
16. Sidewalks, paths .....	658	192	850	671	190	861	654	194	848
17. Aerodromes, landing fields, runways, tarmac .....	2,111	82	2,193	2,053	80	2,133	2,335	86	2,421
Waterworks and sewage systems .....	19,996	2,533	22,529	21,605	2,941	24,546	22,530	2,928	25,458
18. Tile drains, drainage ditches, storm sewers .....	1,751	414	2,165	2,757	699	3,456	3,302	583	3,885
19. Water mains, hydrants and services .....	6,042	1,574	7,616	3,588	1,556	5,144	5,254	1,616	6,870
20. Sewage systems and connections .....	8,232	437	8,669	14,149	569	14,718	13,026	596	13,622
21. Pumping stations, water .....	848	53	901	624	60	684	631	71	702
22. Water storage tanks .....	3,123	55	3,178	487	57	544	317	62	379
Dams and irrigation .....	1,879	459	2,338	2,088	474	2,562	2,546	491	3,037
23. Dams and reservoirs .....	661	50	711	745	34	779	1,188	61	1,249
24. Irrigation and land reclamation projects.....	1,218	409	1,627	1,343	440	1,783	1,358	430	1,788
Electric power construction .....	48,074	2,028	50,102	28,002	1,803	29,805	18,753	1,597	20,350
25. Electric power generating plants, including water conveying and controlling structures.....	26,976	396	27,372	9,925	374	10,299	4,098	431	4,529
26. Electric transformer stations .....	1,225	712	1,937	2,007	92	2,099	921	60	981
27. Power transmission and distribution lines, trolley wires .....	18,712	446	19,158	14,477	1,190	15,667	12,038	980	13,018
28. Street lighting.....	1,161	474	1,635	1,593	147	1,740	1,696	126	1,822
Railway, telephone and telegraph .....	21,622	16,537	38,159	20,414	17,546	37,960	17,036	20,540	37,576
29. Railway tracks and roadbed .....	12,896	11,708	24,604	11,645	12,212	23,857	7,424	14,669	22,093
30. Signals and interlockers .....	1,464	695	2,159	1,037	929	1,966	666	1,121	1,787
31. Telegraph and telephone lines, under ground and marine cables ..	7,262	4,134	11,396	7,732	4,405	12,137	8,946	4,750	13,696
Gas and oil facilities.....	25,888	2,293	28,181	22,235	2,223	24,458	10,657	2,049	12,706
32. Gas mains and services .....	3,759	506	4,265	5,720	—	5,720	2,978	—	2,978
33. Pumping stations, oil .....	1,391	203	1,594	341	332	673	705	370	1,075
34. Pumping stations, gas.....	2,609	—	2,609	1,780	—	1,780	2,735	—	2,735
35. Oil storage tanks .....	729	74	803	551	102	653	355	158	513
36. Gas storage tanks .....	1,192	3	1,195	18	—	18	359	—	359
37. Oil pipe lines .....	3,033	126	3,159	5,971	84	6,055	50	90	140
38. Gas pipe lines .....	10,980	8	10,988	6,305	—	6,305	1,141	—	1,141
39. Oil wells .....	994	277	1,271	1,352	292	1,644	1,067	303	1,370
40. Gas wells .....	—	—	—	—	—	—	—	—	—
41. Oil refinery - Processing units <sup>3</sup> .....	1,201	1,096	2,297	197	1,413	1,610	1,267	1,128	2,395
42. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
Other engineering construction.....	14,988	4,200	19,188	18,084	5,037	23,121	17,962	5,781	23,743
43. Bridges, trestles, culverts, overpasses, viaducts .....	6,239	1,805	8,044	6,800	1,843	8,643	5,597	2,448	8,045
44. Tunnels and subways .....	—	—	—	17	—	17	9	—	9
45. Incinerators.....	1	5	6	1	5	6	1	5	6
46. Park systems, landscaping, sodding, etc. ....	331	192	523	451	178	629	638	207	845
47. Swimming pools, tennis courts, outdoor recreation facilities ..	12	27	39	457	31	488	131	29	160
48. Mine shafts and other below surface workings .....	5,750	544	6,294	6,454	706	7,160	7,535	725	8,260
49. Fences, snowsheds, signs, guard rails .....	2,232	829	3,061	3,135	934	4,069	3,167	1,013	4,180
50. Other engineering construction .....	423	798	1,221	769	1,340	2,109	884	1,354	2,238

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



TABLE 25. Saskatchewan<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>352,600</b>	<b>92,021</b>	<b>444,621</b>	<b>374,723</b>	<b>92,282</b>	<b>467,005</b>	<b>403,330</b>	<b>95,718</b>	<b>499,048</b>
<b>Total building construction .....</b>	<b>179,033</b>	<b>48,126</b>	<b>227,159</b>	<b>194,036</b>	<b>47,834</b>	<b>241,870</b>	<b>215,482</b>	<b>49,594</b>	<b>265,076</b>
<b>Residential .....</b>	<b>73,100</b>	<b>25,600</b>	<b>98,700</b>	<b>88,400</b>	<b>24,800</b>	<b>113,200</b>	<b>96,500</b>	<b>26,300</b>	<b>122,800</b>
<b>Industrial .....</b>	<b>14,475</b>	<b>4,160</b>	<b>18,635</b>	<b>16,414</b>	<b>3,838</b>	<b>20,252</b>	<b>19,925</b>	<b>4,240</b>	<b>24,165</b>
2. Factories, plants, workshops, food canneries .....	5,647	1,871	7,518	4,231	1,589	5,820	6,399	1,556	7,955
3. Mine and mine mill buildings .....	7,241	708	7,949	10,841	355	11,196	12,605	404	13,009
4. Railway stations, offices, roadway buildings .....	1,251	1,231	2,482	969	1,321	2,290	671	1,598	2,269
5. Railway shops, engine houses, water and fuel stations .....	336	350	686	373	573	946	250	682	932
<b>Commercial .....</b>	<b>27,999</b>	<b>6,228</b>	<b>34,227</b>	<b>29,073</b>	<b>6,301</b>	<b>35,374</b>	<b>35,974</b>	<b>6,611</b>	<b>42,585</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,063	481	1,544	1,213	456	1,669	2,323	570	2,893
7. Grain elevators .....	3,468	2,190	5,658	4,643	2,334	6,977	3,735	2,205	5,940
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	2,984	639	3,623	2,709	440	3,149	7,517	637	8,154
9. Office buildings .....	12,370	1,216	13,586	10,590	1,108	11,698	9,582	1,311	10,893
10. Stores, retail and wholesale .....	5,483	1,164	6,647	5,422	1,224	6,646	7,596	1,195	8,791
11. Garages and service stations .....	1,133	330	1,463	1,434	361	1,795	1,657	378	2,035
12. Theatres, arenas, amusement and recreational buildings ..	1,492	160	1,652	3,056	349	3,405	3,564	289	3,853
13. Laundries and dry cleaning establishments .....	6	48	54	6	29	35	—	26	26
<b>Institutional .....</b>	<b>39,802</b>	<b>4,701</b>	<b>44,503</b>	<b>36,216</b>	<b>4,209</b>	<b>40,425</b>	<b>39,291</b>	<b>3,964</b>	<b>43,255</b>
14. Schools and other educational buildings .....	21,426	3,300	24,726	23,130	2,930	26,060	27,043	2,570	29,613
15. Churches and other religious buildings .....	5,984	292	6,276	4,172	143	4,315	2,834	222	3,056
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	11,604	966	12,570	6,158	902	7,060	4,644	970	5,614
17. Other institutional buildings .....	788	143	931	2,756	234	2,990	4,770	202	4,972
<b>Other building construction .....</b>	<b>23,657</b>	<b>7,437</b>	<b>31,094</b>	<b>23,933</b>	<b>8,686</b>	<b>32,619</b>	<b>23,792</b>	<b>8,479</b>	<b>32,271</b>
18. Farm buildings (excluding dwellings) .....	18,318	6,693	25,011	20,970	7,870	28,840	20,746	7,618	28,364
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,331	171	4,502	2,111	193	2,304	2,088	195	2,283
20. Aeroplane hangars .....	68	54	122	157	55	212	133	60	193
21. Passenger terminals, bus, boat or air .....	40	12	52	20	21	41	26	12	38
22. Armouries, barracks, drill halls, etc. ....	229	310	539	190	315	505	246	346	592
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	525	82	607	189	95	284	66	98	164
24. Other building construction .....	146	115	261	296	137	433	487	150	637
<b>Total engineering construction .....</b>	<b>173,567</b>	<b>43,895</b>	<b>217,462</b>	<b>180,687</b>	<b>44,448</b>	<b>225,135</b>	<b>187,848</b>	<b>46,124</b>	<b>233,972</b>
<b>Marine construction .....</b>	<b>150</b>	<b>54</b>	<b>204</b>	<b>274</b>	<b>86</b>	<b>360</b>	<b>275</b>	<b>107</b>	<b>382</b>
25. Docks, wharves, piers, breakwaters .....	150	51	201	194	84	278	225	106	331
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	3	3	80	2	82	50	1	51

See footnotes at end of table.



TABLE 25. Saskatchewan<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>31,693</b>	<b>12,230</b>	<b>43,923</b>	<b>37,887</b>	<b>11,868</b>	<b>49,755</b>	<b>44,536</b>	<b>11,971</b>	<b>56,507</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. . .	23,575	7,544	31,119	22,872	8,326	31,198	28,950	8,422	37,372
33. Gravel or stone streets, highways, roads, parking lots, etc. . .	2,584	4,364	6,948	8,482	2,905	11,387	8,617	2,820	11,437
34. Dirt, clay or other streets, roads, parking lots, etc. ....	143	95	238	1,490	385	1,875	1,192	433	1,625
35. Grading, scraping, oiling, filling .....	68	62	130	50	63	113	70	69	139
36. Sidewalks, paths .....	2,297	136	2,433	2,462	154	2,616	2,412	189	2,601
37. Aerodromes, landing fields, runways, tarmac .....	3,026	29	3,055	2,531	35	2,566	3,295	38	3,333
<b>Waterworks and sewage systems</b> .....	<b>10,924</b>	<b>3,026</b>	<b>13,950</b>	<b>12,289</b>	<b>3,529</b>	<b>15,818</b>	<b>11,793</b>	<b>3,593</b>	<b>15,386</b>
38. Tile drains, drainage ditches, storm sewers .....	1,811	726	2,537	2,670	875	3,545	2,492	834	3,326
39. Water mains, hydrants and services .....	3,518	1,486	5,004	3,832	1,823	5,655	5,208	1,879	7,087
40. Sewage systems and connections .....	5,035	595	5,630	4,585	654	5,239	3,603	704	4,307
41. Pumping stations, water .....	294	115	409	716	49	765	195	58	253
42. Water storage tanks .....	266	104	370	486	128	614	295	118	413
<b>Dams and irrigation</b> .....	<b>20,211</b>	<b>2,070</b>	<b>22,281</b>	<b>22,150</b>	<b>2,366</b>	<b>24,516</b>	<b>27,691</b>	<b>2,424</b>	<b>30,115</b>
43. Dams and reservoirs .....	18,168	1,110	19,278	15,778	1,226	17,004	20,575	1,271	21,846
44. Irrigation and land reclamation projects .....	2,043	960	3,003	6,372	1,140	7,512	7,116	1,153	8,269
<b>Electric power construction</b> .....	<b>25,219</b>	<b>3,313</b>	<b>28,532</b>	<b>20,478</b>	<b>2,182</b>	<b>22,660</b>	<b>15,492</b>	<b>1,606</b>	<b>17,098</b>
45. Electric power generating plants, including water conveying and controlling structures .....	8,218	1,030	9,248	2,647	290	2,937	3,626	322	3,948
46. Electric transformer stations .....	3,042	59	3,101	1,325	337	1,662	1,252	242	1,494
47. Power transmission and distribution lines, trolley wires .....	13,386	2,020	15,406	15,531	1,282	16,813	9,897	932	10,829
48. Street lighting .....	573	204	777	975	273	1,248	717	110	827
<b>Railway, telephone and telegraph</b> .....	<b>13,092</b>	<b>12,954</b>	<b>28,046</b>	<b>13,993</b>	<b>12,722</b>	<b>26,715</b>	<b>12,266</b>	<b>15,175</b>	<b>27,441</b>
49. Railway tracks and roadbed .....	10,217	10,907	21,124	8,025	10,117	18,142	5,901	12,264	18,165
50. Signals and interlockers .....	691	581	1,272	625	784	1,409	513	948	1,461
51. Telegraph and telephone lines, underground and marine cables	4,184	1,466	5,650	5,343	1,821	7,164	5,852	1,963	7,815
<b>Gas and oil facilities</b> .....	<b>59,355</b>	<b>5,786</b>	<b>65,141</b>	<b>53,315</b>	<b>7,227</b>	<b>60,542</b>	<b>43,310</b>	<b>6,340</b>	<b>49,650</b>
52. Gas mains and services .....	4,499	689	5,188	2,712	50	2,762	2,797	50	2,847
53. Pumping stations, oil .....	182	399	581	172	312	484	621	342	963
54. Pumping stations, gas .....	4,865	325	5,190	2,200	58	2,258	1,348	18	1,366
55. Oil storage tanks .....	435	164	599	660	170	830	775	227	1,002
56. Gas storage tanks .....	—	—	—	953	5	958	550	5	555
57. Oil pipe lines .....	1,462	304	1,766	1,184	290	1,474	6,310	301	6,611
58. Gas pipe lines .....	17,700	43	17,743	17,982	22	18,004	5,214	17	5,231
59. Oil wells .....	29,128	2,279	31,407	26,252	4,638	30,890	24,329	3,779	28,108
60. Gas wells .....	358	20	378	326	80	406	449	77	526
61. Oil refinery - Processing units <sup>3</sup> .....	586	1,563	2,149	597	1,540	2,137	883	1,465	2,348
62. Natural gas cleaning plants .....	140	—	140	277	62	339	34	59	93
<b>Other engineering construction</b> .....	<b>10,923</b>	<b>4,462</b>	<b>15,385</b>	<b>20,301</b>	<b>4,468</b>	<b>24,769</b>	<b>32,485</b>	<b>4,908</b>	<b>37,393</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,849	992	2,841	2,892	1,031	3,923	6,795	1,248	8,043
64. Tunnels and subways .....	—	—	—	4	—	4	6	—	6
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	158	104	262	471	90	561	600	101	701
67. Swimming pools, tennis courts, outdoor recreation facilities ..	—	40	40	860	400	1,260	943	505	1,448
68. Mine shafts and other below surface workings .....	3,100	1,308	4,408	11,720	333	12,053	18,850	385	19,235
69. Fences, snowsheds, signs, guard rails .....	3,338	1,565	4,903	3,700	1,836	5,536	3,669	1,903	5,572
70. Other engineering construction .....	2,478	453	2,931	654	778	1,432	1,622	766	2,388

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

TABLE 26. Alberta<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>689,950</b>	<b>171,845</b>	<b>861,795</b>	<b>759,178</b>	<b>159,529</b>	<b>918,707</b>	<b>821,027</b>	<b>160,963</b>	<b>981,990</b>
<b>Total building construction .....</b>	<b>334,427</b>	<b>94,365</b>	<b>428,792</b>	<b>348,094</b>	<b>85,611</b>	<b>433,705</b>	<b>390,697</b>	<b>90,579</b>	<b>481,276</b>
<b>Residential .....</b>	<b>162,500</b>	<b>59,300</b>	<b>221,800</b>	<b>166,900</b>	<b>47,300</b>	<b>214,200</b>	<b>184,000</b>	<b>50,200</b>	<b>234,200</b>
<b>Industrial .....</b>	<b>15,896</b>	<b>5,564</b>	<b>21,460</b>	<b>17,141</b>	<b>5,479</b>	<b>22,620</b>	<b>16,790</b>	<b>5,978</b>	<b>22,768</b>
2. Factories, plants, workshops, food canneries .....	14,182	4,038	18,220	15,353	3,535	18,888	15,778	3,705	19,483
3. Mine and mine mill buildings .....	254	27	281	262	40	302	76	37	113
4. Railway stations, offices, roadway buildings .....	1,174	1,109	2,283	1,085	1,306	2,391	722	1,542	2,264
5. Railway shops, engine houses, water and fuel stations .....	286	390	676	441	598	1,039	214	694	908
<b>Commercial .....</b>	<b>60,468</b>	<b>12,950</b>	<b>73,418</b>	<b>55,178</b>	<b>14,845</b>	<b>70,023</b>	<b>71,651</b>	<b>15,468</b>	<b>87,119</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	7,250	1,050	8,300	9,091	1,807	10,898	10,212	2,099	12,311
7. Grain elevators .....	1,766	1,237	3,003	993	1,049	2,042	647	631	1,278
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,501	1,251	9,752	8,810	1,569	10,379	8,920	1,885	10,805
9. Office buildings .....	19,473	5,602	25,075	15,679	6,868	22,547	27,443	7,433	34,876
10. Stores, retail and wholesale .....	9,706	2,212	11,918	13,856	2,293	16,149	14,257	2,118	16,375
11. Garages and service stations .....	6,024	782	6,806	2,648	874	3,522	5,260	916	6,176
12. Theatres, arenas, amusement and recreational buildings .....	7,732	756	8,488	3,926	318	4,244	4,898	322	5,220
13. Laundries and dry cleaning establishments .....	16	60	76	175	67	242	14	64	78
<b>Institutional .....</b>	<b>62,887</b>	<b>6,834</b>	<b>69,721</b>	<b>75,714</b>	<b>8,218</b>	<b>83,932</b>	<b>86,066</b>	<b>9,013</b>	<b>95,079</b>
14. Schools and other educational buildings .....	44,951	3,591	48,542	45,767	4,259	50,026	60,241	4,542	64,783
15. Churches and other religious buildings .....	1,502	172	1,674	1,516	176	1,692	1,198	554	1,752
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	13,435	2,166	15,601	22,236	2,447	24,683	18,594	2,583	21,177
17. Other institutional buildings .....	2,999	905	3,904	6,195	1,336	7,531	6,033	1,334	7,367
<b>Other building construction .....</b>	<b>32,676</b>	<b>9,717</b>	<b>42,393</b>	<b>33,161</b>	<b>9,769</b>	<b>42,930</b>	<b>32,190</b>	<b>9,920</b>	<b>42,110</b>
18. Farm buildings (excluding dwellings) .....	25,770	6,938	32,708	27,290	7,321	34,611	26,950	7,256	34,206
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,385	630	5,015	3,848	461	4,309	2,081	581	2,662
20. Aeroplane hangars .....	30	266	296	27	266	293	27	288	315
21. Passenger terminals, bus, boat or air .....	38	50	88	44	31	75	—	31	31
22. Armouries, barracks, drill halls, etc. ....	187	1,194	1,381	174	1,183	1,357	176	1,280	1,456
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	369	192	561	326	189	515	314	204	518
24. Other building construction .....	1,897	447	2,344	1,452	318	1,770	2,642	280	2,922
<b>Total engineering construction .....</b>	<b>355,523</b>	<b>77,480</b>	<b>433,003</b>	<b>411,084</b>	<b>73,918</b>	<b>485,002</b>	<b>430,330</b>	<b>70,384</b>	<b>500,714</b>
<b>Marine construction .....</b>	<b>109</b>	<b>369</b>	<b>478</b>	<b>1,918</b>	<b>398</b>	<b>2,316</b>	<b>757</b>	<b>440</b>	<b>1,197</b>
25. Docks, wharves, piers, breakwaters .....	92	55	147	1,274	82	1,356	122	98	220
26. Retaining walls, embankments, riprapping .....	14	16	30	641	16	657	632	17	649
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	3	292	295	—	294	294	—	318	318
29. Dyke construction .....	—	6	6	3	6	9	3	7	10
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.



TABLE 26. Alberta<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	62,330	29,536	91,866	68,558	21,287	89,845	63,182	14,653	77,835
2. Hard surfaced or paved streets, highways, parking lots, etc. ..	41,811	21,023	62,834	39,582	9,590	49,172	37,554	9,721	47,275
3. Gravel or stone streets, highways, roads, parking lots, etc. ..	7,610	7,423	15,033	12,473	10,105	22,578	11,745	2,989	14,734
4. Dirt, clay or other streets, roads, parking lots, etc. ....	1,420	455	1,875	756	419	1,175	690	445	1,135
5. Grading, scraping, oiling, filling .....	6,924	19	6,943	11,845	658	12,503	9,266	879	10,145
6. Sidewalks, paths .....	2,788	391	3,179	2,344	289	2,633	2,353	374	2,727
7. Aerodromes, landing fields, runways, tarmac .....	1,777	225	2,002	1,558	226	1,784	1,574	245	1,819
Waterworks and sewage systems .....	17,615	4,531	22,146	25,201	4,975	30,176	22,067	4,951	27,018
8. Tile drains, drainage ditches, storm sewers .....	2,804	764	3,568	3,178	883	4,061	3,491	798	4,289
9. Water mains, hydrants and services .....	6,876	2,609	9,485	8,523	2,695	11,218	7,913	2,886	10,799
10. Sewage systems and connections .....	7,252	964	8,216	11,000	1,098	12,098	8,082	957	9,039
11. Pumping stations, water .....	267	85	352	1,856	169	2,025	2,035	187	2,222
12. Water storage tanks .....	416	109	525	644	130	774	546	123	669
Dams and irrigation .....	7,519	1,689	9,208	6,418	1,760	8,178	6,204	1,814	8,018
13. Dams and reservoirs .....	1,988	263	2,251	1,867	260	2,127	2,036	281	2,317
14. Irrigation and land reclamation projects .....	5,531	1,426	6,957	4,551	1,500	6,051	4,168	1,533	5,701
Electric power construction .....	20,972	3,340	24,312	26,805	3,011	29,816	24,493	3,271	27,764
15. Electric power generating plants, including water conveying and controlling structures .....	6,139	463	6,602	11,576	459	12,035	12,189	478	12,667
16. Electric transformer stations .....	3,235	375	3,610	5,554	345	5,899	2,900	384	3,284
17. Power transmission and distribution lines, trolley wires .....	8,803	2,100	10,903	7,092	1,830	8,922	6,796	1,963	8,759
18. Street lighting .....	2,795	402	3,197	2,583	377	2,960	2,608	446	3,054
Railway, telephone and telegraph .....	22,957	14,618	37,575	27,010	14,802	41,812	24,995	17,082	42,077
19. Railway tracks and roadbed .....	14,778	11,037	25,815	17,350	10,874	28,224	12,949	12,726	25,675
20. Signals and interlockers .....	568	688	1,256	920	752	1,672	440	894	1,334
21. Telegraph and telephone lines, underground and marine cables .....	7,611	2,893	10,504	8,740	3,176	11,916	11,606	3,462	15,068
Gas and oil facilities .....	208,337	15,789	224,126	237,249	19,950	257,199	227,030	19,982	247,012
22. Gas mains and services .....	4,664	889	5,553	2,938	878	3,816	2,855	914	3,769
23. Pumping stations, oil .....	285	299	584	1,605	458	2,063	4,225	511	4,736
24. Pumping stations, gas .....	434	110	544	336	52	388	195	54	249
25. Oil storage tanks .....	3,545	631	4,176	6,445	380	6,825	4,299	428	4,727
26. Gas storage tanks .....	—	—	—	95	—	95	36	—	36
27. Oil pipe lines .....	12,439	690	13,129	11,735	565	12,300	6,432	574	7,006
28. Gas pipe lines .....	21,858	384	22,242	26,168	425	26,593	27,448	447	27,895
29. Oil wells .....	105,378	6,761	112,139	129,927	9,210	139,137	123,945	9,352	133,297
30. Gas wells .....	18,450	449	18,899	21,867	446	22,313	21,523	518	22,041
31. Oil refinery—Processing units <sup>3</sup> .....	776	2,603	3,379	2,708	3,443	6,151	4,337	3,498	7,835
32. Natural gas cleaning plants .....	40,508	2,973	43,481	33,425	4,093	37,518	31,735	3,686	35,421
Other engineering construction .....	15,684	7,608	23,292	17,925	7,735	25,660	61,602	8,191	69,793
33. Bridges, trestles, culverts, overpasses, viaducts .....	7,790	4,051	11,841	10,497	4,787	15,284	9,594	5,123	14,717
34. Tunnels and subways .....	211	—	211	28	—	28	8	—	8
35. Incinerators .....	3	1	4	9	1	10	—	1	1
36. Park systems, landscaping, sodding, etc. ....	161	527	688	287	437	724	315	523	838
37. Swimming pools, tennis courts, outdoor recreation facilities ..	376	66	442	532	66	598	636	72	708
38. Mine shafts and other below surface workings .....	226	6	232	209	8	217	50	12	62
39. Fences, snowsheds, signs, guard rails .....	4,404	1,393	5,797	4,535	1,405	5,940	4,453	1,437	5,890
40. Other engineering construction .....	2,513	1,564	4,077	1,828	1,031	2,859	46,546	1,023	47,569

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



TABLE 27. British Columbia<sup>1,2</sup>

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction.....</b>	<b>661,394</b>	<b>166,005</b>	<b>827,399</b>	<b>844,993</b>	<b>180,252</b>	<b>1,025,245</b>	<b>923,597</b>	<b>186,735</b>	<b>1,110,332</b>
<b>Total building construction .....</b>	<b>380,199</b>	<b>96,685</b>	<b>476,884</b>	<b>447,816</b>	<b>109,547</b>	<b>557,363</b>	<b>536,632</b>	<b>113,227</b>	<b>649,859</b>
<b>Residential .....</b>	<b>207,700</b>	<b>55,500</b>	<b>263,200</b>	<b>238,500</b>	<b>68,100</b>	<b>306,600</b>	<b>264,800</b>	<b>72,200</b>	<b>337,000</b>
<b>Industrial .....</b>	<b>40,924</b>	<b>14,570</b>	<b>55,494</b>	<b>74,515</b>	<b>14,831</b>	<b>89,346</b>	<b>76,081</b>	<b>15,184</b>	<b>91,265</b>
2. Factories, plants, workshops, food canneries.....	37,720	11,998	49,718	60,419	12,282	72,701	66,088	12,242	78,330
3. Mine and mine mill buildings .....	1,431	774	2,205	12,374	348	12,722	8,108	371	8,479
4. Railway stations, offices, roadway buildings .....	1,346	1,330	2,676	1,233	1,539	2,772	1,134	1,802	2,936
5. Railway shops, engine houses, water and fuel stations ..	427	468	895	489	662	1,151	751	769	1,520
<b>Commercial .....</b>	<b>59,200</b>	<b>12,632</b>	<b>71,832</b>	<b>59,767</b>	<b>14,247</b>	<b>74,034</b>	<b>87,239</b>	<b>13,160</b>	<b>100,399</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9,137	2,027	11,164	6,382	1,869	8,251	12,517	1,897	14,414
7. Grain elevators.....	43	101	144	71	312	383	88	294	382
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,723	1,458	8,181	4,158	1,452	5,610	12,277	1,908	14,185
9. Office buildings .....	14,351	2,631	16,982	24,048	4,318	28,366	27,204	3,403	30,607
10. Stores, retail and wholesale.....	14,372	2,898	17,270	13,642	2,777	16,419	17,766	2,774	20,540
11. Garages and service stations.....	6,296	854	7,150	5,706	758	6,464	6,098	930	7,028
12. Theatres, arenas, amusement and recreational buildings	7,579	2,470	10,049	5,299	2,590	7,889	11,188	1,872	13,060
13. Laundries and dry cleaning establishments.....	699	193	892	481	171	652	101	82	183
<b>Institutional.....</b>	<b>53,677</b>	<b>9,455</b>	<b>63,132</b>	<b>55,431</b>	<b>7,905</b>	<b>63,336</b>	<b>87,626</b>	<b>8,200</b>	<b>95,826</b>
14. Schools and other educational buildings .....	35,379	2,736	38,115	36,488	4,731	41,219	56,349	4,968	61,317
15. Churches and other religious buildings.....	3,812	472	4,284	3,487	317	3,804	3,757	291	4,048
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	9,869	1,176	11,045	11,246	2,108	13,354	15,524	2,201	17,725
17. Other institutional buildings .....	4,617	5,071	9,688	4,210	749	4,959	11,996	740	12,736
<b>Other building construction.....</b>	<b>18,698</b>	<b>4,528</b>	<b>23,226</b>	<b>19,583</b>	<b>4,464</b>	<b>24,047</b>	<b>20,886</b>	<b>4,483</b>	<b>25,369</b>
18. Farm buildings (excluding dwellings).....	6,336	1,313	7,649	6,268	1,254	7,522	6,420	1,217	7,637
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5,023	354	5,377	3,931	207	4,138	2,211	212	2,423
20. Aeroplane hangars .....	39	174	213	40	269	309	45	296	341
21. Passenger terminals, bus, boat or air.....	1,419	120	1,539	1,581	18	1,599	1,887	18	1,905
22. Armouries, barracks, drill halls, etc. ....	463	713	1,176	518	726	1,244	619	799	1,418
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	3,355	1,546	4,901	4,646	1,615	6,261	5,923	1,590	7,513
24. Other building construction .....	2,063	308	2,371	2,599	375	2,974	3,781	351	4,132
<b>Total engineering construction .....</b>	<b>281,195</b>	<b>69,320</b>	<b>350,515</b>	<b>397,177</b>	<b>70,705</b>	<b>467,882</b>	<b>386,965</b>	<b>73,508</b>	<b>460,473</b>
<b>Marine construction .....</b>	<b>6,744</b>	<b>3,368</b>	<b>10,112</b>	<b>8,643</b>	<b>4,223</b>	<b>12,866</b>	<b>11,526</b>	<b>4,696</b>	<b>16,222</b>
25. Docks, wharves, piers, breakwaters .....	4,812	1,767	6,579	6,756	1,763	8,519	9,424	1,880	11,304
26. Retaining walls, embankments, riprapping.....	253	30	283	67	25	92	24	26	50
27. Canals and waterways.....	136	31	167	52	89	141	151	68	219
28. Dredging and pile driving .....	751	1,184	1,935	570	1,032	1,602	683	1,148	1,831
29. Dyke construction .....	12	17	29	—	15	15	2	13	15
30. Logging booms .....	195	137	332	254	186	440	258	410	668
31. Other marine construction.....	585	202	787	944	1,113	2,057	984	1,151	2,135

See footnotes at end of table.

TABLE 27. British Columbia<sup>1,2</sup> - Concluded

Type of structure	1963			1964			1965		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	96,053	24,652	120,705	98,673	24,402	123,075	99,509	25,124	124,633
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	27,507	7,240	34,747	29,845	5,864	35,709	31,568	6,112	37,680
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	46,079	11,679	57,758	41,091	13,112	54,203	45,250	13,449	58,699
3. Dirt, clay or other streets, roads, parking lots, etc. ....	14,334	4,745	19,079	13,198	4,621	17,819	15,757	4,799	20,556
4. Grading, scraping, oiling, filling.....	4,336	130	4,466	10,618	155	10,773	2,904	97	3,001
5. Sidewalks, paths .....	1,741	757	2,498	1,572	550	2,122	1,232	556	1,788
6. Aerodromes, landing fields, runways, tarmac .....	2,056	101	2,157	2,349	100	2,449	2,798	111	2,909
Waterworks and sewage systems .....	25,508	6,460	31,968	30,714	6,585	37,299	34,091	5,386	39,477
1. Tile drains, drainage ditches, storm sewers .....	703	209	912	856	298	1,154	804	177	981
2. Water mains, hydrants and services .....	7,903	2,600	10,503	8,585	2,667	11,252	11,291	2,767	14,058
3. Sewage systems and connections .....	16,298	3,454	19,752	19,180	3,340	22,520	20,660	2,260	22,920
4. Pumping stations, water .....	484	116	600	1,745	180	1,925	1,086	115	1,201
5. Water storage tanks .....	120	81	201	348	100	448	250	67	317
Dams and irrigation .....	26,369	254	26,623	33,712	282	33,994	40,585	310	40,895
1. Dams and reservoirs .....	25,666	91	25,757	32,778	93	32,871	39,894	103	39,997
2. Irrigation and land reclamation projects.....	703	163	866	934	189	1,123	691	207	898
Electric power construction .....	26,793	7,351	34,144	42,206	7,319	49,525	71,960	7,127	79,087
1. Electric power generating plants, including water conveying and controlling structures.....	3,812	2,177	5,989	5,109	1,796	6,905	4,568	1,901	6,469
2. Electric transformer stations .....	495	83	578	730	359	1,089	1,020	233	1,253
3. Power transmission and distribution lines, trolley wires .....	21,077	3,600	24,677	34,783	3,637	38,420	64,951	3,716	68,667
4. Street lighting.....	1,409	1,491	2,900	1,584	1,527	3,111	1,421	1,277	2,698
Railway, telephone and telegraph .....	32,922	16,691	49,613	55,300	16,859	72,159	44,283	19,535	63,818
1. Railway tracks and roadbed .....	23,212	12,145	35,357	43,501	12,869	56,370	29,982	14,930	44,912
2. Signals and interlockers .....	629	654	1,283	814	869	1,683	906	1,023	1,929
3. Telegraph and telephone lines, underground and marine cables .....	9,081	3,892	12,973	10,985	3,121	14,106	13,395	3,582	16,977
Gas and oil facilities.....	32,310	4,340	36,650	85,309	4,758	90,067	34,066	4,957	39,023
1. Gas mains and services .....	5,754	329	6,083	6,573	341	6,914	5,590	366	5,956
2. Pumping stations, oil .....	142	168	310	53	168	221	129	175	304
3. Pumping stations, gas.....	1,668	88	1,756	1,631	40	1,671	115	10	125
4. Oil storage tanks .....	714	514	1,228	1,231	360	1,591	870	248	1,118
5. Gas storage tanks .....	5	4	9	—	1	1	35	1	36
6. Oil pipe lines .....	1,255	476	1,731	441	302	743	307	304	611
7. Gas pipe lines .....	472	74	546	38,936	145	39,081	838	157	995
8. Oil wells .....	16,153	274	16,427	15,323	905	16,228	16,726	1,149	17,875
9. Gas wells .....	5,376	164	5,540	8,293	198	8,491	8,376	177	8,553
1. Oil refinery — Processing units <sup>3</sup> .....	553	2,249	2,802	2,100	2,144	4,244	854	2,104	2,958
2. Natural gas cleaning plants .....	218	—	218	10,728	154	10,882	226	266	492
Other engineering construction.....	34,496	6,204	40,700	42,620	6,277	48,897	50,945	6,373	57,318
1. Bridges, trestles, culverts, overpasses, viaducts .....	22,867	3,171	26,038	16,731	3,474	20,205	13,137	3,622	16,759
2. Tunnels and subways .....	201	—	201	120	113	233	1,136	—	1,136
3. Incinerators.....	11	2	13	13	4	17	6	3	9
4. Park systems, landscaping, sodding, etc. ....	261	284	545	506	754	1,260	699	818	1,517
5. Swimming pools, tennis courts, outdoor recreation facilities ..	268	15	283	390	13	403	406	15	421
6. Mine shafts and other below surface workings .....	4,352	31	4,383	3,125	174	3,299	6,527	95	6,622
7. Fences, snowsheds, signs, guard rails .....	1,278	941	2,219	1,270	503	1,773	1,168	565	1,733
8. Other engineering construction .....	5,258	1,760	7,018	20,465	1,242	21,707	27,866	1,255	29,121

<sup>1</sup> Actual 1963, preliminary 1964, intentions 1965.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insur-

ance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value of work done by construction contractors.

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1965".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1961 of all the firms in each industry by the corresponding 1961 total for the firms reporting in the 1965 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1961 and 1965 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1964 preliminary actual figures and the 1965 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1964 to 1965 can be calculated with more precision than the absolute magnitude of expenditures in the two years.



Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1963 and 1964, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1965 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 5,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1964.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1963 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1963 to 1965. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1964 and 1965 an average annual earnings figure was computed from 1963, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



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CONSTRUCTION IN CANADA  
( 1964 - 1966 )



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Business Finance Division  
Operations Section





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# CONSTRUCTION IN CANADA

1964-66

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## INTRODUCTION

This report contains data on construction activity undertaken in Canada during 1964 and 1965 and provides estimates of the intended program for 1966. The information given for 1965 is preliminary whereas that shown for 1964 and earlier is final. The probable volume of construction that will be realized in 1966 can be appraised only in the light of past experience and conditions that will exist during the year.

The statistical problems related to making allowance for non-coverage and non-reponse for individual industries or regions and for the various types of structures present a number of difficulties. Changing plans and problems of respondents in estimating accurately the cost of each type of structure also add to the difficulties. It is particularly important to bear this in mind in any examination of the details shown in this report.

The estimates are based mainly on data collected by DBS at the same time and from the same sources as for the publication "Private and Public

Investment in Canada, Outlook 1966", which was issued earlier this year as a joint project of DBS and the Economics Branch of the Department of Trade and Commerce. The slight differences in totals between the two reports are due to rounding and minor revisions. While the earlier report provided data on both construction and machinery and equipment expenditures, this report deals with construction only, but in considerably more detail. Separate estimates are provided for 70 different types of structures, such as factories, office buildings, retail and wholesale stores, schools, electric power plants, highways and railway tracks and roadbeds.

Also included are statistics on cost of material used and on labour content in terms of numbers of persons and value. The various sources of information and methods used to derive these statistics are described in the statistical notes which follow the tabular material.

## GENERAL REVIEW

Construction in Canada is expected to reach a further record level of \$11.0 billion in 1966, an 11 per cent increase over the \$9.9 billion estimated for 1965. The intended 1966 spending on new construction, at \$9,180 million, will be 12 per cent higher than the 1965 total of \$8,201 million; the repair construction amounting to \$1,805 million, will be up by 6 per cent.

Significant strength is indicated for 1966 in institutional, trade and utility building construction in value terms and also in percentage terms relative to 1965. Residential construction is also expected to increase during the current year but the percentage gain is not as large as in recent years. Expenditures for engineering construction will be up by

about 10 per cent in 1966. Expanded programs for roads and bridges, further additions to gas and oil facilities and electric power developments account for a large portion of the increase.

The reported plans for construction in 1966 continue to increase at about the same year-over-year percentage as the last two years in terms of current dollars. The equivalent figures in constant 1957 dollars are not available for 1966 but the gain in constant dollars could continue at about the same level as in the preceding two years. The achievement or surpassing of this level would, of course, depend on a number of factors such as weather, work stoppages, availability of labour and materials, and other circumstances.

Year	Total new and repair construction	Percentage change over previous year in	
		Value	Volume
1957 .....	7,023	8.8	5.1
1958 .....	7,092	1.0	1.0
1959 .....	7,077	- 0.2	- 3.5
1960 .....	6,886	- 2.7	- 4.8
1961 .....	6,974	1.3	2.1
1962 .....	7,296	4.6	2.0
1963 .....	7,716	5.8	2.0
1964 .....	8,634	11.9	7.7
1965 .....	9,905	14.7	8.1
1966 .....	10,985	10.9	-



# VALUE OF CONSTRUCTION WORK PERFORMED

TABLE 1. Current and Constant Dollars, 1957-66<sup>1</sup>

	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars							
1957 .....	5,785	5,784	1,238	1,238	7,023	7,022	22.0	22.0
1958 .....	5,831	5,865	1,261	1,230	7,092	7,095	21.6	22.0
1959 .....	5,710	5,557	1,367	1,290	7,077	6,847	20.3	20.5
1960 .....	5,454	5,224	1,432	1,301	6,886	6,521	19.0	19.1
1961 .....	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962 .....	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.2
1963 .....	6,157	5,613	1,559	1,317	7,716	6,930	17.9	17.7
1964 .....	7,004	6,139	1,630	1,322	8,634	7,461	18.4	17.9
1965 .....	8,201	6,756	1,704	1,308	9,905	8,064	-	-
1966 .....	9,180	-	1,805	-	10,985	-	-	-

<sup>1</sup> Actual 1957-64, preliminary 1965, intentions 1966.

TABLE 2. By Contractors and Others, 1962-66<sup>1,2</sup>

	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1962 .....	4,900	810	5,710	887	699	1,586	5,787	1,509	7,296
1963 .....	5,213	821	6,034	944	738	1,682	6,157	1,559	7,716
1964 .....	5,937	896	6,833	1,067	734	1,801	7,004	1,630	8,634
1965 .....	7,113	1,004	8,117	1,088	700	1,788	8,201	1,704	9,905
1966 .....	8,088	1,096	9,184	1,092	709	1,801	9,180	1,805	10,985

<sup>1</sup> Actual 1962-64, preliminary 1965, intentions 1966.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, home owner-builders and other persons or firms not primarily engaged in the construction industry.

TABLE 3. By Principal Types of Construction, 1962-66<sup>1,2</sup>

	1962		1963		1964		1965		1966	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total construction .....</b>	<b>7,296</b>	<b>100.0</b>	<b>7,716</b>	<b>100.0</b>	<b>8,634</b>	<b>100.0</b>	<b>9,905</b>	<b>100.0</b>	<b>10,985</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup> .....</b>	<b>4,543</b>	<b>62.3</b>	<b>4,692</b>	<b>60.8</b>	<b>5,179</b>	<b>60.0</b>	<b>5,878</b>	<b>59.3</b>	<b>6,548</b>	<b>59.6</b>
Residential .....	2,100	28.8	2,257	29.2	2,604	30.2	2,752	27.7	2,872	26.1
Industrial .....	492	6.7	535	6.9	666	7.7	762	7.7	872	7.9
Commercial .....	719	9.9	737	9.6	846	9.8	1,026	10.4	1,185	10.8
Institutional .....	827	11.3	857	11.1	766	8.9	1,007	10.2	1,239	11.3
Other building .....	405	5.6	306	4.0	297	3.4	331	3.3	380	3.5
<b>Total engineering .....</b>	<b>2,753</b>	<b>37.7</b>	<b>3,024</b>	<b>39.2</b>	<b>3,455</b>	<b>40.0</b>	<b>4,027</b>	<b>40.7</b>	<b>4,437</b>	<b>40.4</b>
Marine .....	85	1.2	61	0.8	68	0.8	98	1.0	123	1.1
Road highway and aerodrome construction .....	803	11.0	846	10.9	965	11.1	1,108	11.3	1,196	11.0
Waterworks and sewage systems .....	228	3.1	266	3.4	285	3.3	330	3.3	360	3.3
Dams and irrigation .....	93	1.3	85	1.1	170	2.0	236	2.4	236	2.1
Electric power construction .....	454	6.2	493	6.4	541	6.3	668	6.7	729	6.6
Railway, telephone and telegraph construction .....	373	5.1	406	5.3	411	4.8	404	4.1	421	3.8
Gas and oil facilities .....	416	5.7	500	6.5	547	6.3	576	5.8	652	5.9
Other engineering construction .....	301	4.1	367	4.8	468	5.4	607	6.1	720	6.6

<sup>1</sup> Actual 1962-64, preliminary 1965, intentions 1966.

<sup>2</sup> Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965 and 1966 on the basis of more recent related information and are therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 18 to 27. The use of special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.

**TABLE 4. By Principal Type of Construction for Industry and Sector <sup>1,2</sup>**

	1964			1965			1966		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
	thousands of dollars								
<b>Totals .....</b>	<b>5, 179, 407</b>	<b>3, 454, 782</b>	<b>8, 634, 189</b>	<b>5, 878, 055</b>	<b>4, 027, 399</b>	<b>9, 905, 454</b>	<b>6, 547, 751</b>	<b>4, 437, 388</b>	<b>10, 985, 139</b>
Agriculture and fishing <sup>2</sup> .....	176,924	95,493	272,417	184,772	99,731	284,503	189,319	102,179	291,498
Forestry .....	8,582	48,535	57,117	9,116	53,615	62,731	9,089	54,295	63,384
Mining, quarrying and oil wells .....	119,696	378,978	498,674	94,478	498,122	592,600	132,829	597,533	730,362
Construction .....	17,343	2,252	19,595	20,699	2,662	23,361	21,901	2,810	24,711
Manufacturing .....	502,839	88,375	591,214	617,353	97,598	714,951	695,279	143,505	838,784
Utilities .....	131,136	1,490,581	1,621,717	134,254	1,637,181	1,771,435	182,384	1,721,945	1,904,329
Trade - Wholesale and retail .....	179,906	7,144	187,050	186,076	6,613	192,689	251,765	8,705	260,470
Finance, insurance and real estate .....	305,285	4,358	309,643	374,374	6,483	380,857	412,302	4,737	417,039
Commercial services .....	117,591	11,455	129,046	173,358	36,234	209,592	191,372	57,703	249,075
Housing .....	2,604,500	—	2,604,500	2,752,400	—	2,752,400	2,872,000	—	2,872,000
Institutional services .....	703,837	4,721	708,558	926,576	9,351	935,927	1,160,671	8,525	1,169,196
Government departments .....	311,768	1,322,890	1,634,658	404,599	1,579,809	1,984,408	428,840	1,735,451	2,164,291

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> See footnote 2, Table 3.

**TABLE 5. Dollar and Percentage Change by Principal Type of Construction for Industry or Sector <sup>1,2</sup>**

	Change 1964 to 1965						Change 1965 to 1966					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>699</b>	<b>13.5</b>	<b>573</b>	<b>16.6</b>	<b>1, 271</b>	<b>14.7</b>	<b>670</b>	<b>11.4</b>	<b>410</b>	<b>10.2</b>	<b>1, 080</b>	<b>10.9</b>
Agriculture and fishing <sup>2</sup> .....	8	4.4	4	4.4	12	4.4	5	2.5	2	2.5	7	2.5
Forestry .....	1	6.2	5	10.5	6	9.8	—	- 0.3	1	1.3	1	1.0
Mining, quarrying and oil wells .....	- 25	- 21.1	119	31.4	94	18.8	38	40.6	99	20.0	138	23.2
Construction .....	3	19.4	—	18.2	4	19.2	1	5.8	—	5.6	1	5.8
Manufacturing .....	115	22.8	9	10.4	124	20.9	78	12.6	46	47.0	124	17.3
Utilities .....	3	2.4	147	9.8	150	9.2	48	35.8	85	5.2	133	7.5
Trade - Wholesale and retail .....	6	3.4	—	- 7.4	6	3.0	66	35.3	2	31.6	68	35.2
Finance, insurance and real estate .....	69	22.6	2	48.8	71	23.0	38	10.1	- 2	- 26.9	36	9.5
Commercial services .....	56	47.4	25	16.3	81	62.4	18	10.4	21	59.3	39	18.8
Housing .....	148	5.7	—	—	148	5.7	120	4.3	—	—	120	4.3
Institutional services .....	223	31.6	5	98.1	227	32.1	234	25.3	- 1	- 8.8	233	24.9
Government departments .....	93	29.8	257	19.4	350	21.4	24	6.0	156	9.9	180	9.1

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> See footnote 2, Table 3.

TABLE 6. By Type of Structure, Total 1962-66<sup>1,2</sup>

Type of structure	1962	1963	1964	1965	1966
thousands of dollars					
<b>Total value of construction .....</b>	<b>7, 296, 039</b>	<b>7, 716, 011</b>	<b>8, 634, 189</b>	<b>9, 905, 454</b>	<b>10, 985, 139</b>
<b>Total building construction .....</b>	<b>4, 542, 935</b>	<b>4, 692, 308</b>	<b>5, 179, 407</b>	<b>5, 878, 055</b>	<b>6, 547, 751</b>
<b>Residential .....</b>	<b>2, 100, 000</b>	<b>2, 257, 400</b>	<b>2, 604, 500</b>	<b>2, 752, 400</b>	<b>2, 872, 000</b>
<b>Industrial .....</b>	<b>491, 595</b>	<b>535, 610</b>	<b>666, 412</b>	<b>761, 657</b>	<b>872, 177</b>
2. Factories, plants, workshops, food canneries .....	372, 828	409, 822	522, 927	654, 598	724, 470
3. Mine and mine mill buildings .....	83, 183	86, 636	104, 496	72, 604	114, 805
4. Railway stations, offices, roadway buildings .....	23, 834	26, 890	24, 802	21, 863	20, 388
5. Railway shops, engine houses, water and fuel stations .....	11, 750	12, 262	14, 187	12, 592	12, 514
<b>Commercial .....</b>	<b>719, 500</b>	<b>736, 922</b>	<b>845, 966</b>	<b>1, 025, 912</b>	<b>1, 184, 892</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	62, 539	70, 653	70, 009	87, 206	117, 433
7. Grain elevators .....	29, 295	21, 200	17, 167	18, 538	29, 742
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	47, 480	67, 031	72, 697	94, 249	104, 452
9. Office buildings .....	323, 933	296, 283	369, 627	439, 076	476, 010
10. Stores, retail and wholesale .....	164, 164	171, 686	205, 948	233, 763	261, 801
11. Garages and service stations .....	36, 098	45, 953	45, 147	54, 674	66, 787
12. Theatres, arenas, amusement and recreational buildings .....	53, 268	61, 107	61, 837	95, 604	126, 974
13. Laundries and dry cleaning establishments .....	2, 723	3, 009	3, 534	2, 802	1, 693
<b>Institutional .....</b>	<b>827, 313</b>	<b>856, 631</b>	<b>765, 808</b>	<b>1, 007, 437</b>	<b>1, 238, 514</b>
14. Schools and other educational buildings .....	537, 180	577, 584	472, 483	675, 294	849, 116
15. Churches and other religious buildings .....	61, 210	53, 973	50, 888	43, 883	38, 348
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	189, 903	180, 746	179, 017	198, 023	249, 063
17. Other institutional buildings .....	39, 020	44, 328	63, 420	90, 237	101, 987
<b>Other building construction .....</b>	<b>404, 527</b>	<b>305, 745</b>	<b>296, 721</b>	<b>330, 649</b>	<b>380, 168</b>
18. Farm buildings (excluding dwellings) .....	232, 922	175, 611	179, 644	187, 596	192, 326
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	64, 505	48, 341	37, 911	39, 483	45, 431
20. Aeroplane hangars .....	6, 949	5, 624	4, 192	4, 272	4, 487
21. Passenger terminals, bus, boat or air .....	30, 245	22, 099	6, 219	10, 389	29, 803
22. Armouries, barracks, drill halls, etc. ....	27, 196	17, 529	20, 163	21, 270	23, 075
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	19, 288	13, 506	18, 195	26, 579	35, 217
24. Other building construction .....	23, 422	23, 035	30, 397	41, 060	49, 829
<b>Total engineering construction .....</b>	<b>2, 753, 104</b>	<b>3, 023, 703</b>	<b>3, 454, 782</b>	<b>4, 027, 399</b>	<b>4, 437, 388</b>
<b>Marine construction .....</b>	<b>84, 996</b>	<b>60, 569</b>	<b>67, 552</b>	<b>98, 096</b>	<b>122, 693</b>
25. Docks, wharves, piers, breakwaters .....	57, 831	37, 517	46, 309	70, 501	80, 405
26. Retaining walls, embankments, riprapping .....	2, 702	6, 154	6, 515	6, 719	6, 389
27. Canals and waterways .....	9, 511	3, 064	4, 405	7, 848	21, 710
28. Dredging and pile driving .....	11, 192	7, 706	5, 614	5, 685	5, 486
29. Dyke construction .....	716	2, 069	532	686	743
30. Logging booms .....	960	718	1, 297	1, 547	1, 416
31. Other marine construction .....	2, 084	3, 341	2, 880	5, 110	6, 544

See footnotes at end of table.



TABLE 6. By Type of Structure, Total 1962 - 66<sup>1,2</sup> - Concluded

Type of structure	1962	1963	1964	1965	1966
	thousands of dollars				
<b>Road, highway and aerodrome construction</b> .....	<b>802,711</b>	<b>846,080</b>	<b>964,612</b>	<b>1,108,335</b>	<b>1,195,800</b>
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	512,782	493,080	616,229	799,217	849,230
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	165,289	236,438	181,799	145,063	152,547
3. Dirt, clay or other streets, roads, parking lots, etc. ....	43,785	35,210	92,332	86,267	111,438
4. Grading, scraping, oiling, filling .....	30,336	35,553	34,664	33,219	35,387
5. Sidewalks, paths .....	26,858	26,181	22,364	23,283	22,965
6. Aerodromes, landing fields, runways, tarmac .....	23,661	19,618	17,224	21,286	24,233
<b>Waterworks and sewage systems</b> .....	<b>227,615</b>	<b>266,330</b>	<b>285,114</b>	<b>329,757</b>	<b>360,657</b>
1. Tile drains, drainage ditches, storm sewers .....	5,434	25,224	24,226	28,916	31,033
2. Water mains, hydrants and services .....	87,127	91,111	100,454	118,115	139,688
3. Sewage systems and connections .....	122,430	132,340	143,180	149,387	160,289
4. Pumping stations, water .....	8,689	10,450	13,138	22,939	22,816
5. Water storage tanks .....	3,935	7,205	4,116	10,400	6,831
<b>Dams and irrigation</b> .....	<b>93,317</b>	<b>84,993</b>	<b>169,883</b>	<b>236,186</b>	<b>235,783</b>
1. Dams and reservoirs .....	72,547	60,680	146,183	200,915	207,720
2. Irrigation and land reclamation projects .....	20,770	24,313	23,700	35,271	28,063
<b>Electric power construction</b> .....	<b>454,338</b>	<b>492,511</b>	<b>541,021</b>	<b>667,687</b>	<b>729,253</b>
1. Electric power generating plants, including water conveying and controlling structures .....	217,572	220,776	170,467	264,205	332,481
2. Electric transformer stations .....	32,119	42,206	69,541	99,166	69,337
3. Power transmission and distribution lines, trolley wires .....	185,563	207,765	275,731	281,842	301,189
4. Street lighting .....	19,084	21,764	25,282	22,474	26,246
<b>Railway, telephone and telegraph</b> .....	<b>372,889</b>	<b>406,165</b>	<b>411,326</b>	<b>404,047</b>	<b>421,249</b>
1. Railway tracks and roadbed .....	211,252	231,139	228,794	209,317	207,763
2. Signals and interlockers .....	13,943	18,080	17,991	17,966	15,552
3. Telegraph and telephone lines, underground and marine cables .....	147,694	156,946	164,541	176,764	197,934
<b>Gas and oil facilities</b> .....	<b>416,096</b>	<b>499,962</b>	<b>546,735</b>	<b>576,240</b>	<b>651,780</b>
1. Gas mains and services .....	87,880	69,429	53,303	73,308	63,376
2. Pumping stations, oil .....	3,054	4,153	5,917	8,124	3,918
3. Pumping stations, gas .....	25,423	30,831	30,211	2,480	7,802
4. Oil storage tanks .....	16,395	16,237	19,349	9,405	10,911
5. Gas storage tanks .....	967	1,413	1,260	1,058	3,519
6. Oil pipe lines .....	16,930	25,362	27,251	35,737	31,596
7. Gas pipe lines .....	23,778	53,705	96,846	29,795	39,227
8. Oil wells .....	138,067	162,407	187,190	287,543	260,742
9. Gas wells .....	25,257	26,781	31,168	44,734	79,793
10. Oil refinery - Processing units <sup>3</sup> .....	77,406	65,805	51,930	61,013	108,914
11. Natural gas cleaning plants .....	20,939	43,839	42,330	23,043	41,982
<b>Other engineering construction</b> .....	<b>301,142</b>	<b>367,093</b>	<b>468,519</b>	<b>607,051</b>	<b>720,173</b>
1. Bridges, trestles, culverts, overpasses, viaducts .....	166,886	202,342	211,757	252,843	301,205
2. Tunnels and subways .....	17,580	31,853	73,512	75,392	55,856
3. Incinerators .....	594	393	154	84	124
4. Park systems, landscaping, sodding, etc. ....	11,450	15,664	9,917	15,944	24,640
5. Swimming pools, tennis courts, outdoor recreation facilities .....	7,353	4,877	2,598	5,941	7,301
6. Mine shafts and other below surface workings .....	34,497	36,830	45,521	58,193	106,372
7. Fences, snowsheds, signs, guard rails .....	24,791	38,561	40,634	38,952	39,910
8. Other engineering construction .....	37,991	36,573	84,426	159,702	184,765

<sup>1</sup> Actual 1962-64, preliminary 1965, intentions 1966.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

LABOUR CONTENT AND COST OF MATERIALS USED, 1962-66<sup>1</sup>

TABLE 7. By Provinces

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Canada:				
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	523,909	2,560,877	3,736,494	7,716,011
1964 .....	547,377	2,812,089	4,241,373	8,634,189
1965 .....	588,813	3,191,909	4,865,108	9,905,454
1966 .....	616,694	3,524,922	5,400,129	10,985,139
Newfoundland:				
1962 .....	14,462	66,792	88,646	199,786
1963 .....	12,318	56,189	86,780	185,215
1964 .....	12,542	55,963	76,674	182,079
1965 .....	12,397	57,444	77,621	189,972
1966 .....	13,676	66,827	90,781	219,166
Prince Edward Island:				
1962 .....	3,047	11,414	19,166	38,741
1963 .....	3,418	11,812	17,872	38,326
1964 .....	2,537	9,355	15,671	33,538
1965 .....	3,048	11,878	20,327	43,571
1966 .....	3,296	13,519	23,365	50,315
Nova Scotia:				
1962 .....	17,283	67,817	98,412	205,146
1963 .....	18,027	70,387	104,013	213,108
1964 .....	18,232	71,940	103,364	215,779
1965 .....	19,768	82,765	122,782	255,458
1966 .....	20,802	91,529	138,767	285,910
New Brunswick:				
1962 .....	13,972	52,142	77,604	155,321
1963 .....	14,153	51,909	80,906	158,523
1964 .....	17,224	67,207	104,490	205,723
1965 .....	20,284	83,315	133,269	264,339
1966 .....	19,436	84,207	136,081	271,892
Quebec:				
1962 .....	138,031	632,002	948,708	1,890,669
1963 .....	136,121	638,013	1,006,379	1,963,920
1964 .....	150,163	755,602	1,219,915	2,365,945
1965 .....	159,948	847,694	1,384,254	2,684,682
1966 .....	161,366	897,815	1,470,986	2,850,222
Ontario:				
1962 .....	176,792	853,319	1,176,478	2,448,295
1963 .....	174,273	897,700	1,262,568	2,620,182
1964 .....	177,111	957,607	1,391,038	2,825,132
1965 .....	187,844	1,071,410	1,569,106	3,177,076
1966 .....	202,801	1,220,367	1,802,126	3,643,309
Manitoba:				
1962 .....	27,098	124,109	174,007	361,112
1963 .....	28,511	136,672	187,082	402,922
1964 .....	30,579	142,465	202,272	421,133
1965 .....	30,600	150,280	214,848	447,699
1966 .....	30,640	157,836	230,137	471,704

<sup>1</sup> Actual 1962-64, preliminary 1965, intentions 1966.

TABLE 7. By Provinces - Concluded

Provinces	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1962 .....	30,080	140,254	200,247	416,984
1963 .....	30,997	144,766	213,237	444,621
1964 .....	30,210	146,402	236,652	476,900
1965 .....	33,810	172,829	282,137	574,381
1966 .....	34,764	186,490	306,468	621,786
Alberta:				
1962 .....	55,669	263,049	373,472	820,209
1963 .....	53,730	270,534	391,461	861,795
1964 .....	53,463	282,535	418,845	919,871
1965 .....	56,806	317,583	472,308	1,043,640
1966 .....	60,900	357,343	533,878	1,176,938
British Columbia:				
1962 .....	52,487	264,772	350,998	759,776
1963 .....	52,361	282,895	386,196	827,399
1964 .....	55,316	323,013	472,452	988,089
1965 .....	64,308	396,711	588,456	1,224,636
1966 .....	69,013	448,989	667,540	1,393,897

TABLE 8. By Contractors and Others<sup>1</sup>

Type	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Total:				
1962 .....	528,921	2,475,670	3,507,738	7,296,039
1963 .....	523,909	2,560,877	3,736,494	7,716,011
1964 .....	547,377	2,812,089	4,241,373	8,634,189
1965 .....	588,813	3,191,909	4,865,108	9,905,454
1966 .....	616,694	3,524,922	5,400,129	10,985,139
Contractors:				
1962 .....	381,526	1,803,234	2,809,407	5,709,666
1963 .....	377,040	1,876,434	2,967,999	6,033,670
1964 .....	397,275	2,074,701	3,441,860	6,833,265
1965 .....	446,744	2,459,145	4,067,790	8,117,044
1966 .....	480,603	2,788,068	4,597,125	9,184,271
Utilities:				
1962 .....	64,981	327,132	377,500	763,298
1963 .....	63,363	325,283	433,769	805,581
1964 .....	72,042	387,462	446,678	911,663
1965 .....	68,632	387,757	446,762	912,199
1966 .....	65,496	388,390	447,637	913,759
Governments:				
1962 .....	53,434	216,760	161,775	492,320
1963 .....	51,691	214,290	153,309	506,306
1964 .....	47,897	206,617	167,552	504,945
1965 .....	44,191	199,565	161,576	485,052
1966 .....	42,272	200,978	163,007	489,479
Others:				
1962 .....	28,980	128,544	159,056	330,755
1963 .....	31,815	144,870	181,417	370,454
1964 .....	30,163	143,309	185,283	384,316
1965 .....	29,246	145,442	188,980	391,159
1966 .....	28,323	147,486	192,360	397,630

Actual 1962-64, preliminary 1965, intentions 1966.



VALUE OF CONSTRUCTION WORK PERFORMED - CANADA 1964-66<sup>1</sup>

TABLE 9. By Type of Structure, New and Repair<sup>2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>7, 004, 250</b>	<b>1, 629, 939</b>	<b>8, 634, 189</b>	<b>8, 201, 104</b>	<b>1, 704, 350</b>	<b>9, 905, 454</b>	<b>9, 179, 650</b>	<b>1, 805, 489</b>	<b>10, 985, 139</b>
<b>Total building construction .....</b>	<b>4, 170, 635</b>	<b>1, 008, 772</b>	<b>5, 179, 407</b>	<b>4, 809, 624</b>	<b>1, 068, 431</b>	<b>5, 878, 055</b>	<b>5, 420, 942</b>	<b>1, 126, 809</b>	<b>6, 547, 751</b>
<b>Residential .....</b>	<b>2, 027, 500</b>	<b>577, 000</b>	<b>2, 604, 500</b>	<b>2, 133, 300</b>	<b>619, 100</b>	<b>2, 752, 400</b>	<b>2, 216, 000</b>	<b>656, 000</b>	<b>2, 872, 000</b>
<b>Industrial .....</b>	<b>522, 058</b>	<b>144, 354</b>	<b>666, 412</b>	<b>615, 456</b>	<b>146, 201</b>	<b>761, 657</b>	<b>721, 172</b>	<b>151, 005</b>	<b>872, 177</b>
2. Factories, plants, workshops, food canneries .....	408, 875	114, 052	522, 927	539, 110	115, 488	654, 598	605, 393	119, 077	724, 470
3. Mine and mine mill buildings .....	93, 487	11, 009	104, 496	60, 769	11, 835	72, 604	102, 466	12, 339	114, 805
4. Railway stations, offices, roadway buildings .....	11, 540	13, 262	24, 802	9, 414	12, 449	21, 863	7, 443	12, 945	20, 388
5. Railway shops, engine houses, water and fuel stations .....	8, 156	6, 031	14, 187	6, 163	6, 429	12, 592	5, 870	6, 644	12, 514
<b>Commercial .....</b>	<b>716, 166</b>	<b>129, 800</b>	<b>845, 966</b>	<b>881, 423</b>	<b>144, 489</b>	<b>1, 025, 912</b>	<b>1, 037, 346</b>	<b>147, 546</b>	<b>1, 184, 892</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	58, 748	11, 261	70, 009	72, 086	15, 120	87, 206	100, 718	16, 715	117, 433
7. Grain elevators .....	10, 641	6, 526	17, 167	10, 809	7, 729	18, 538	22, 643	7, 099	29, 742
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	59, 230	13, 467	72, 697	81, 591	12, 658	94, 249	91, 484	12, 968	104, 452
9. Office buildings .....	325, 069	44, 558	369, 627	381, 685	57, 391	439, 076	417, 808	58, 202	476, 010
10. Stores, retail and wholesale .....	174, 913	31, 035	205, 948	201, 903	31, 860	233, 763	230, 013	31, 788	261, 801
11. Garages and service stations .....	33, 709	11, 438	45, 147	43, 550	11, 124	54, 674	55, 508	11, 279	66, 787
12. Theatres, arenas, amusement and recreational buildings .....	51, 533	10, 304	61, 837	88, 133	7, 471	95, 604	118, 609	8, 365	126, 974
13. Laundries and dry cleaning establishments .....	2, 323	1, 211	3, 534	1, 666	1, 136	2, 802	563	1, 130	1, 693
<b>Institutional .....</b>	<b>693, 332</b>	<b>72, 476</b>	<b>765, 808</b>	<b>933, 343</b>	<b>74, 094</b>	<b>1, 007, 437</b>	<b>1, 155, 431</b>	<b>83, 083</b>	<b>1, 238, 514</b>
14. Schools and other educational buildings .....	439, 616	32, 867	472, 483	637, 584	37, 710	675, 294	806, 327	42, 789	849, 116
15. Churches and other religious buildings .....	42, 092	8, 796	50, 888	37, 673	6, 210	43, 883	32, 068	6, 280	38, 348
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	156, 741	22, 276	179, 017	175, 442	22, 581	198, 023	223, 549	25, 514	249, 063
17. Other institutional buildings .....	54, 883	8, 537	63, 420	82, 644	7, 593	90, 237	93, 487	8, 500	101, 987
<b>Other building construction .....</b>	<b>211, 579</b>	<b>85, 142</b>	<b>296, 721</b>	<b>246, 102</b>	<b>84, 547</b>	<b>330, 649</b>	<b>290, 993</b>	<b>89, 175</b>	<b>380, 168</b>
18. Farm buildings (excluding dwellings) .....	129, 384	50, 260	179, 644	134, 853	52, 743	187, 596	138, 268	54, 058	192, 326
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	34, 821	3, 090	37, 911	36, 764	2, 719	39, 483	42, 455	2, 976	45, 431
20. Aeroplane hangars .....	686	3, 506	4, 192	845	3, 427	4, 272	911	3, 576	4, 487
21. Passenger terminals, bus, boat or air .....	5, 356	863	6, 219	9, 902	487	10, 389	28, 686	1, 117	29, 803
22. Armouries, barracks, drill halls, etc. ....	5, 754	14, 409	20, 163	7, 670	13, 600	21, 270	8, 591	14, 484	23, 075
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	13, 389	4, 806	18, 195	22, 062	4, 517	26, 579	30, 701	4, 516	35, 217
24. Other building construction .....	22, 189	8, 208	30, 397	34, 006	7, 054	41, 060	41, 381	8, 448	49, 829
<b>Total engineering construction .....</b>	<b>2, 833, 615</b>	<b>621, 167</b>	<b>3, 454, 782</b>	<b>3, 391, 480</b>	<b>635, 919</b>	<b>4, 027, 399</b>	<b>3, 758, 708</b>	<b>678, 680</b>	<b>4, 437, 388</b>
<b>Marine construction .....</b>	<b>51, 314</b>	<b>16, 238</b>	<b>67, 552</b>	<b>79, 211</b>	<b>18, 885</b>	<b>98, 096</b>	<b>103, 831</b>	<b>18, 862</b>	<b>122, 693</b>
25. Docks, wharves, piers, breakwaters .....	37, 583	8, 726	46, 309	59, 941	10, 560	70, 501	71, 336	9, 069	80, 405
26. Retaining walls, embankments, riprapping .....	5, 597	918	6, 515	4, 890	1, 829	6, 719	5, 305	1, 084	6, 389
27. Canals and waterways .....	2, 937	1, 468	4, 405	6, 503	1, 345	7, 848	18, 299	3, 411	21, 710
28. Dredging and pile driving .....	2, 167	3, 447	5, 614	2, 290	3, 395	5, 685	2, 082	3, 404	5, 486
29. Dyke construction .....	409	123	532	584	102	686	635	108	743
30. Logging booms .....	537	760	1, 297	775	772	1, 547	585	831	1, 416
31. Other marine construction .....	2, 084	796	2, 880	4, 228	882	5, 110	5, 589	955	6, 544

See footnotes at end of table.

TABLE 9. By Type of Structure, New and Repair<sup>2</sup> — Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	770,394	194,218	964,612	910,285	198,050	1,108,335	971,841	223,959	1,195,800
1. Hard surfaced or paved streets, highways, parking lots, etc.	506,813	109,416	616,229	664,370	134,847	799,217	704,708	144,522	849,230
2. Gravel or stone streets, highways, roads, parking lots, etc.	138,951	42,848	181,799	117,101	27,962	145,063	122,628	29,919	152,547
3. Dirt, clay or other streets, roads, parking lots, etc. ....	66,010	26,322	92,332	64,746	21,521	86,267	77,394	34,044	111,438
4. Grading, scraping, oiling, filling .....	26,184	8,480	34,664	25,909	7,310	33,219	27,138	8,249	35,387
5. Sidewalks, paths .....	17,834	4,530	22,364	19,162	4,121	23,283	18,224	4,741	22,965
6. Aerodromes, landing fields, runways, tarmac .....	14,602	2,622	17,224	18,997	2,289	21,286	21,749	2,484	24,233
Waterworks and sewage systems .....	234,699	50,415	285,114	282,626	47,131	329,757	313,089	47,568	360,657
1. Tile drains, drainage ditches, storm sewers .....	17,320	6,906	24,226	20,889	8,027	28,916	22,998	8,035	31,033
2. Water mains, hydrants and services .....	74,291	26,163	100,454	94,193	23,922	118,115	113,555	26,133	139,688
3. Sewage systems and connections .....	129,289	13,891	143,180	139,397	9,990	149,387	150,094	10,195	160,289
4. Pumping stations, water .....	10,612	2,526	13,138	20,998	1,941	22,939	20,587	2,229	22,816
5. Water storage tanks .....	3,187	929	4,116	7,149	3,251	10,400	5,855	976	6,831
Dams and irrigation .....	160,542	9,341	169,883	226,573	9,613	236,186	225,660	10,123	235,783
1. Dams and reservoirs .....	143,777	2,406	146,183	198,394	2,521	200,915	204,885	2,835	207,720
2. Irrigation and land reclamation projects .....	16,765	6,935	23,700	28,179	7,092	35,271	20,775	7,288	28,063
Electric power construction .....	481,866	59,155	541,021	605,184	62,503	667,687	664,396	64,857	729,253
1. Electric power generating plants, including water conveying and controlling structures .....	156,973	13,494	170,467	249,444	14,761	264,205	316,819	15,662	332,481
2. Electric transformer stations .....	65,321	4,220	69,541	94,063	5,103	99,166	64,176	5,161	69,337
3. Power transmission and distribution lines, trolley wires	243,416	32,315	275,731	245,475	36,367	281,842	263,708	37,481	301,189
4. Street lighting .....	16,156	9,126	25,282	16,202	6,272	22,474	19,693	6,553	26,246
Railway, telephone and telegraph .....	254,051	157,275	411,326	244,954	159,093	404,047	257,213	164,036	421,249
1. Railway tracks and roadbed .....	124,580	104,214	228,794	105,434	103,883	209,317	100,825	106,938	207,763
2. Signals and interlockers .....	9,356	8,635	17,991	8,370	9,596	17,966	5,896	9,656	15,552
3. Telegraph and telephone lines, underground and marine cables .....	120,115	44,426	164,541	131,150	45,614	176,764	150,492	47,442	197,934
Gas and oil facilities .....	478,090	68,665	546,755	507,397	68,843	576,240	581,513	70,267	651,780
1. Gas mains and services .....	48,056	5,247	53,303	68,449	4,859	73,308	58,114	5,262	63,376
2. Pumping stations, oil .....	4,014	1,903	5,917	6,603	1,521	8,124	2,253	1,665	3,918
3. Pumping stations, gas .....	29,640	571	30,211	2,015	465	2,480	7,371	431	7,802
4. Oil storage tanks .....	16,836	2,513	19,349	6,752	2,653	9,405	8,205	2,706	10,911
5. Gas storage tanks .....	1,184	76	1,260	933	125	1,058	3,390	129	3,519
6. Oil pipe lines .....	24,652	2,599	27,251	33,798	1,939	35,737	29,775	1,821	31,596
7. Gas pipe lines .....	95,538	1,308	96,846	28,842	953	29,795	37,982	1,245	39,227
8. Oil wells .....	170,320	16,870	187,190	267,087	20,456	287,543	244,096	16,646	260,742
9. Gas wells .....	29,872	1,296	31,168	41,771	2,963	44,734	75,384	4,409	79,793
10. Oil refinery — Processing units <sup>3</sup> .....	20,090	31,840	51,930	32,536	28,477	61,013	77,587	31,327	108,914
11. Natural gas cleaning plants .....	37,888	4,442	42,330	18,611	4,432	23,043	37,356	4,626	41,982
Other engineering construction .....	402,659	65,860	468,519	535,250	71,801	607,051	641,165	79,008	720,173
1. Bridges, trestles, culverts, overpasses, viaducts .....	180,380	31,377	211,757	221,979	30,864	252,843	266,498	34,707	301,205
2. Tunnels and subways .....	73,440	72	73,512	75,318	74	75,392	55,712	144	55,856
3. Incinerators .....	133	21	154	69	15	84	104	20	124
4. Park systems, landscaping, sodding, etc. ....	5,704	4,213	9,917	10,729	5,215	15,944	19,368	5,272	24,640
5. Swimming pools, tennis courts, outdoor recreation facilities	2,146	452	2,598	4,286	1,655	5,941	5,358	1,943	7,301
6. Mine shafts and other below surface workings .....	41,539	3,982	45,521	54,655	3,538	58,193	101,505	4,867	106,372
7. Fences, snowsheds, signs, guard rails .....	26,922	13,712	40,634	26,311	12,641	38,952	26,743	13,167	39,910
8. Other engineering construction .....	72,395	12,031	84,426	141,903	17,799	159,702	165,877	19,888	184,765

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - INDUSTRY OR SECTOR, 1964 - 66<sup>1</sup>TABLE 10. Primary Industries<sup>2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>702,213</b>	<b>145,590</b>	<b>847,803</b>	<b>806,207</b>	<b>156,988</b>	<b>963,195</b>	<b>950,525</b>	<b>159,430</b>	<b>1,109,955</b>
<b>Total building construction .....</b>	<b>251,132</b>	<b>71,413</b>	<b>322,545</b>	<b>233,011</b>	<b>76,054</b>	<b>309,065</b>	<b>274,773</b>	<b>78,365</b>	<b>353,138</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>99,749</b>	<b>13,793</b>	<b>113,542</b>	<b>73,495</b>	<b>14,997</b>	<b>88,492</b>	<b>113,408</b>	<b>15,904</b>	<b>129,312</b>
2. Factories, plants, workshops, food canneries .....	5,984	2,852	8,836	12,688	3,163	15,851	12,167	3,609	15,776
3. Mine and mine mill buildings .....	93,188	10,930	104,118	60,457	11,834	72,291	101,214	12,295	113,509
4. Railway stations, offices, roadway buildings .....	-	6	6	-	-	-	-	-	-
5. Railway shops, engine houses, water and fuel stations .....	577	5	582	350	-	350	27	-	27
<b>Commercial .....</b>	<b>12,574</b>	<b>3,176</b>	<b>15,750</b>	<b>15,810</b>	<b>3,249</b>	<b>19,059</b>	<b>15,451</b>	<b>3,406</b>	<b>18,857</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,517	1,321	5,838	5,192	1,582	6,774	3,315	1,683	4,998
7. Grain elevators .....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	166	96	262	81	98	179	651	94	745
9. Office buildings .....	5,721	1,449	7,170	7,488	1,283	8,771	9,458	1,333	10,791
10. Stores, retail and wholesale .....	-	3	3	163	7	170	185	2	187
11. Garages and service stations .....	1,075	249	1,324	1,247	236	1,483	1,210	249	1,459
12. Theatres, arenas, amusement and recreational buildings .....	1,088	57	1,145	1,639	43	1,682	628	45	673
13. Laundries and dry cleaning establishments .....	7	1	8	-	-	-	4	-	4
<b>Institutional .....</b>	<b>3,647</b>	<b>42</b>	<b>3,689</b>	<b>1,425</b>	<b>55</b>	<b>1,480</b>	<b>635</b>	<b>32</b>	<b>687</b>
14. Schools and other educational buildings .....	2,383	8	2,391	1,217	10	1,227	607	14	621
15. Churches and other religious buildings .....	1,144	-	1,144	122	1	123	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	120	34	154	86	29	115	35	17	52
17. Other institutional buildings .....	-	-	-	-	15	15	13	1	14
<b>Other building construction .....</b>	<b>135,162</b>	<b>54,402</b>	<b>189,564</b>	<b>142,281</b>	<b>57,753</b>	<b>200,034</b>	<b>145,259</b>	<b>59,023</b>	<b>204,282</b>
18. Farm buildings (excluding dwellings) .....	126,510	49,915	176,425	131,841	52,433	184,274	135,032	53,787	188,819
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2	21	23	374	16	390	15	28	43
20. Aeroplane hangars .....	-	3	3	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8,305	4,314	12,619	9,253	4,065	13,318	9,038	4,058	13,096
24. Other building construction .....	345	149	494	813	1,239	2,052	1,174	1,150	2,324
<b>Total engineering construction .....</b>	<b>451,081</b>	<b>74,177</b>	<b>525,258</b>	<b>573,196</b>	<b>80,934</b>	<b>654,130</b>	<b>675,752</b>	<b>81,065</b>	<b>756,817</b>
<b>Marine construction .....</b>	<b>5,008</b>	<b>1,808</b>	<b>6,816</b>	<b>1,668</b>	<b>1,797</b>	<b>3,465</b>	<b>3,312</b>	<b>1,757</b>	<b>5,069</b>
25. Docks, wharves, piers, breakwaters .....	4,312	852	5,164	703	842	1,545	2,547	869	3,416
26. Retaining walls, embankments, riprapping .....	40	-	40	22	13	35	17	10	27
27. Canals and waterways .....	53	216	269	169	165	334	169	94	263
28. Dredging and pile driving .....	184	171	355	-	142	142	-	76	76
29. Dyke construction .....	-	-	-	5	1	6	-	6	6
30. Logging booms .....	419	563	982	722	628	1,350	577	693	1,270
31. Other marine construction .....	-	6	6	47	6	53	2	9	11

See footnotes at end of table.



TABLE 10. Primary Industries<sup>2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	42,003	16,063	58,066	50,865	16,535	67,400	46,748	17,306	64,054
1. Hard surfaced or paved streets, highways, parking lots, etc. ....	1,279	252	1,531	1,815	438	2,253	1,248	467	1,715
2. Gravel or stone streets, highways, roads, parking lots, etc. ....	16,978	6,242	23,220	20,038	5,953	25,991	17,569	5,960	23,529
3. Dirt, clay or other streets, roads, parking lots, etc. ....	22,154	9,480	31,634	27,486	9,898	37,384	27,186	10,681	37,867
4. Grading, scraping, oiling, filling .....	1,172	45	1,217	1,337	237	1,574	570	182	752
5. Sidewalks, paths .....	405	1	406	186	—	186	160	—	160
6. Aerodromes, landing fields, runways, tarmac .....	15	43	58	3	9	12	15	16	31
Waterworks and sewage systems .....	37,110	12,380	49,490	34,463	13,026	47,489	35,283	13,086	48,369
1. Tile drains, drainage ditches, storm sewers .....	13,942	5,379	19,321	14,363	5,652	20,015	14,614	5,794	20,408
2. Water mains, hydrants and services .....	19,170	5,871	25,041	16,069	5,935	22,004	16,110	6,028	22,138
3. Sewage systems and connections .....	635	244	879	941	354	1,295	639	160	799
4. Pumping stations, water .....	1,283	114	1,397	635	268	903	1,663	269	1,932
5. Water storage tanks .....	2,080	772	2,852	2,455	817	3,272	2,257	835	3,092
Dams and irrigation .....	18,348	6,407	24,755	19,985	6,770	26,755	18,610	6,939	25,549
1. Dams and reservoirs .....	2,779	265	3,044	3,759	317	4,076	1,990	319	2,309
2. Irrigation and land reclamation projects .....	15,569	6,142	21,711	16,226	6,453	22,679	16,620	6,620	23,240
Electric power construction .....	6,043	792	6,835	2,500	771	3,271	6,249	742	6,991
1. Electric power generating plants, including water conveying and controlling structures .....	720	162	882	273	148	421	3,273	143	3,416
2. Electric transformer stations .....	957	82	1,039	519	124	643	1,696	111	1,807
3. Power transmission and distribution lines, trolley wires .....	4,251	526	4,777	1,599	469	2,068	1,227	457	1,684
4. Street lighting .....	115	22	137	109	30	139	53	31	84
Railway, telephone and telegraph .....	1,420	1,548	2,968	726	1,832	2,558	2,657	1,662	4,319
1. Railway tracks and roadbed .....	1,193	1,209	2,402	559	1,418	1,977	2,503	1,335	3,838
2. Signals and interlockers .....	92	176	268	99	287	386	5	202	207
3. Telegraph and telephone lines, underground and marine cables .....	135	163	298	68	127	195	149	125	274
Gas and oil facilities .....	252,598	22,866	275,464	322,732	27,837	350,569	355,857	25,658	381,515
1. Gas mains and services .....	1	7	8	6	—	6	—	—	—
2. Pumping stations, oil .....	71	2	73	—	16	16	5	13	18
3. Pumping stations, gas .....	256	7	263	—	1	1	—	1	1
4. Oil storage tanks .....	8,962	22	8,984	95	1	96	297	2	299
5. Gas storage tanks .....	861	23	884	—	1	1	43	2	45
6. Oil pipe lines .....	1,791	50	1,841	—	17	17	—	10	10
7. Gas pipe lines .....	2,350	206	2,556	152	—	152	105	—	105
8. Oil wells .....	170,314	16,870	187,184	262,497	20,456	282,953	243,297	16,646	259,943
9. Gas wells .....	29,519	1,273	30,792	41,679	2,937	44,616	75,028	4,382	79,410
1. Oil refinery - Processing units <sup>3</sup> .....	772	4	776	—	—	—	—	—	—
2. Natural gas cleaning plants .....	37,701	4,402	42,103	18,303	4,408	22,711	37,082	4,602	41,684
Other engineering construction .....	88,551	12,313	100,864	140,257	12,366	152,623	207,036	13,915	220,951
1. Bridges, trestles, culverts, overpasses, viaducts .....	697	185	882	946	322	1,268	693	335	1,028
2. Tunnels and subways .....	27	1	28	351	17	368	161	6	167
3. Incinerators .....	—	—	—	—	—	—	—	—	—
4. Park systems, landscaping, sodding, etc. ....	82	30	112	245	22	267	710	29	739
5. Swimming pools, tennis courts, outdoor recreation facilities .....	1	34	35	—	34	34	—	31	31
6. Mine shafts and other below surface workings .....	41,539	3,963	45,502	54,655	3,534	58,189	101,505	4,864	106,369
7. Fences, snowsheds, signs, guard rails .....	19,589	7,788	27,377	21,373	8,123	29,496	20,958	8,333	29,291
8. Other engineering construction .....	26,616	312	26,928	62,687	314	63,001	83,009	317	83,326

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> Primary Industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry. See also footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

TABLE 11. Manufacturing<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>443, 531</b>	<b>147, 683</b>	<b>591, 214</b>	<b>569, 146</b>	<b>145, 805</b>	<b>714, 951</b>	<b>686, 784</b>	<b>152, 000</b>	<b>838, 784</b>
<b>Total building construction .....</b>	<b>397, 202</b>	<b>105, 637</b>	<b>502, 839</b>	<b>509, 366</b>	<b>107, 987</b>	<b>617, 353</b>	<b>584, 521</b>	<b>110, 758</b>	<b>695, 279</b>
<b>Residential .....</b>									
<b>Industrial .....</b>	<b>365, 283</b>	<b>101, 250</b>	<b>466, 533</b>	<b>477, 632</b>	<b>104, 007</b>	<b>581, 639</b>	<b>550, 190</b>	<b>106, 925</b>	<b>657, 115</b>
2. Factories, plants, workshops, food canneries .....	364, 942	101, 138	466, 080	477, 305	104, 006	581, 311	549, 178	106, 881	656, 059
3. Mine and mine mill buildings .....	297	79	376	312	1	313	1, 012	44	1, 056
4. Railway stations, offices, roadway buildings .....	3	29	32	15	—	15	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	41	4	45	—	—	—	—	—	—
<b>Commercial .....</b>	<b>30, 946</b>	<b>3, 938</b>	<b>34, 884</b>	<b>29, 634</b>	<b>3, 534</b>	<b>33, 168</b>	<b>32, 097</b>	<b>3, 398</b>	<b>35, 495</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14, 497	1, 102	15, 599	15, 434	1, 293	16, 727	18, 029	1, 347	19, 376
7. Grain elevators .....	104	30	134	85	56	141	146	41	187
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	124	81	205	158	51	209	114	53	167
9. Office buildings .....	15, 898	2, 592	18, 490	13, 479	1, 964	15, 443	13, 299	1, 846	15, 145
10. Stores, retail and wholesale .....	102	61	163	247	110	357	167	53	220
11. Garages and service stations .....	145	70	215	102	49	151	111	47	158
12. Theatres, arenas, amusement and recreational buildings ..	57	2	59	129	11	140	231	11	242
13. Laundries and dry cleaning establishments .....	19	—	19	—	—	—	—	—	—
<b>Institutional .....</b>	<b>132</b>	<b>41</b>	<b>173</b>	<b>167</b>	<b>30</b>	<b>197</b>	<b>—</b>	<b>33</b>	<b>33</b>
14. Schools and other educational buildings .....	103	3	106	165	5	170	—	3	3
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	29	38	67	2	25	27	—	30	30
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>841</b>	<b>408</b>	<b>1, 249</b>	<b>1, 933</b>	<b>416</b>	<b>2, 349</b>	<b>2, 234</b>	<b>402</b>	<b>2, 636</b>
18. Farm buildings (excluding dwellings) .....	208	87	295	337	121	458	379	61	440
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	35	35
20. Aeroplane hangars .....	40	47	87	15	58	73	25	63	88
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	317	239	556	1, 091	189	1, 280	1, 029	196	1, 225
24. Other building construction .....	276	35	311	490	48	538	801	47	848
<b>Total engineering construction .....</b>	<b>46, 329</b>	<b>42, 046</b>	<b>88, 375</b>	<b>59, 780</b>	<b>37, 818</b>	<b>97, 598</b>	<b>102, 263</b>	<b>41, 242</b>	<b>143, 505</b>
<b>Marine construction .....</b>	<b>2, 626</b>	<b>1, 831</b>	<b>4, 457</b>	<b>2, 042</b>	<b>1, 352</b>	<b>3, 394</b>	<b>7, 007</b>	<b>1, 337</b>	<b>8, 344</b>
25. Docks, wharves, piers, breakwaters .....	1, 734	1, 180	2, 914	1, 534	652	2, 186	6, 881	700	7, 581
26. Retaining walls, embankments, riprapping .....	115	19	134	40	5	45	60	10	70
27. Canals and waterways .....	—	5	5	—	15	15	—	15	15
28. Dredging and pile driving .....	608	392	1, 000	415	486	901	58	432	490
29. Dyke construction .....	6	21	27	—	23	23	—	23	23
30. Logging booms .....	118	197	315	45	141	186	8	138	146
31. Other marine construction .....	45	17	62	8	30	38	—	19	19

See footnote at end of table.

TABLE 11. Manufacturing<sup>1</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	6,532	1,686	8,218	7,374	1,719	9,093	5,430	1,949	7,379
22. Hard surfaced or paved streets, highways, parking lots, etc.....	4,626	845	5,471	4,887	823	5,710	3,882	1,056	4,938
23. Gravel or stone streets, highways, roads, parking lots, etc. ....	590	326	916	1,210	410	1,620	454	419	873
24. Dirt, clay or other streets, roads, parking lots, etc. ....	1,132	351	1,483	895	392	1,287	839	421	1,260
25. Grading, scraping, oiling, filling .....	162	42	204	347	87	434	223	47	270
26. Sidewalks, paths .....	13	15	28	32	3	35	32	5	37
27. Aerodromes, landing fields, runways, tarmac .....	9	107	116	3	4	7	—	1	1
Waterworks and sewage systems .....	5,479	1,209	6,688	5,620	1,336	6,956	5,046	1,337	6,383
28. Tile drains, drainage ditches, storm sewers .....	516	83	599	561	105	666	150	71	221
29. Water mains, hydrants and services .....	2,122	428	2,550	1,652	398	2,050	2,112	504	2,616
30. Sewage systems and connections .....	1,570	346	1,916	1,637	306	1,943	1,669	340	2,009
31. Pumping stations, water .....	1,011	286	1,297	1,553	354	1,907	965	374	1,339
32. Water storage tanks .....	260	66	326	217	173	390	150	48	198
Dams and irrigation .....	541	72	613	29	96	125	68	123	191
33. Dams and reservoirs .....	393	41	434	29	96	125	68	123	191
34. Irrigation and land reclamation projects .....	148	31	179	—	—	—	—	—	—
Electric power construction .....	4,397	898	5,295	2,963	1,065	4,028	1,355	1,139	2,494
35. Electric power generating plants, including water conveying and controlling structures .....	1,252	436	1,688	169	292	461	251	245	496
36. Electric transformer stations .....	2,448	189	2,637	1,757	253	2,010	572	261	833
37. Power transmission and distribution lines, trolley wires .....	667	268	935	908	496	1,404	505	625	1,130
38. Street lighting .....	30	5	35	129	24	153	27	8	35
Railway, telephone and telegraph .....	1,354	857	2,211	1,606	664	2,270	1,700	626	2,326
39. Railway tracks and roadbed .....	1,340	794	2,134	1,575	605	2,180	1,604	562	2,166
40. Signals and interlockers .....	—	6	6	9	2	11	1	—	1
41. Telegraph and telephone lines, underground and marine cables .....	14	57	71	22	57	79	95	64	159
Gas and oil facilities .....	22,510	33,213	55,723	35,514	29,993	65,507	80,789	32,974	113,763
42. Gas mains and services .....	39	18	57	66	21	87	—	20	20
43. Pumping stations, oil .....	63	13	76	84	7	91	—	2	2
44. Pumping stations, gas .....	7	1	8	—	—	—	—	1	1
45. Oil storage tanks .....	2,701	1,251	3,952	2,591	1,374	3,965	3,155	1,509	4,664
46. Gas storage tanks .....	71	1	72	20	3	23	—	4	4
47. Oil pipe lines .....	260	53	313	211	64	275	47	69	116
48. Gas pipe lines .....	51	40	91	6	47	53	—	42	42
49. Oil wells .....	—	—	—	—	—	—	—	—	—
50. Gas wells .....	—	—	—	—	—	—	—	—	—
51. Oil refinery—Processing units <sup>2</sup> .....	19,318	31,836	51,154	32,536	28,477	61,013	77,587	31,327	108,914
52. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
Other engineering construction .....	2,890	2,280	5,170	4,632	1,593	6,225	868	1,757	2,625
53. Bridges, trestles, culverts, overpasses, viaducts .....	243	300	543	376	77	453	315	69	384
54. Tunnels and subways .....	48	—	48	—	—	—	6	1	7
55. Incinerators .....	84	7	91	19	1	20	51	4	55
56. Park systems, landscaping, sodding, etc. ....	85	204	289	36	214	250	76	217	293
57. Swimming pools, tennis courts, outdoor recreation facilities ....	6	14	20	—	4	4	—	5	5
58. Mine shafts and other below surface workings .....	—	19	19	—	—	—	—	—	—
59. Fences, snowsheds, signs, guard rails .....	431	101	532	218	65	283	161	78	239
60. Other engineering construction .....	1,993	1,635	3,628	3,983	1,232	5,215	259	1,383	1,642

<sup>1</sup> Actual 1964, preliminary, 1965, intentions 1966.<sup>2</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



TABLE 12. Utilities<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,332,081</b>	<b>289,636</b>	<b>1,621,717</b>	<b>1,472,274</b>	<b>299,161</b>	<b>1,771,435</b>	<b>1,593,478</b>	<b>310,851</b>	<b>1,904,329</b>
<b>Total building construction .....</b>	<b>93,986</b>	<b>37,150</b>	<b>131,136</b>	<b>95,992</b>	<b>38,262</b>	<b>134,254</b>	<b>143,111</b>	<b>39,273</b>	<b>182,384</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>21,720</b>	<b>22,331</b>	<b>44,051</b>	<b>17,489</b>	<b>20,539</b>	<b>38,028</b>	<b>16,575</b>	<b>21,199</b>	<b>37,774</b>
2. Factories, plants, workshops, food canneries ....	2,763	3,082	5,845	2,277	1,661	3,938	3,049	1,610	4,659
3. Mine and mine mill buildings .....	2	—	2	—	—	—	240	—	240
4. Railway stations, offices, roadway buildings .....	11,437	13,227	24,664	9,399	12,449	21,848	7,443	12,945	20,388
5. Railway shops, engine houses, water and fuel stations .....	7,518	6,022	13,540	5,813	6,429	12,242	5,843	6,644	12,487
<b>Commercial .....</b>	<b>40,380</b>	<b>11,247</b>	<b>51,627</b>	<b>44,023</b>	<b>14,750</b>	<b>58,773</b>	<b>66,959</b>	<b>14,305</b>	<b>81,264</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	10,060	2,566	12,626	13,665	3,528	17,193	18,635	3,599	22,234
7. Grain elevators .....	10,513	6,492	17,005	10,724	7,626	18,350	22,272	7,028	29,300
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	7	7	14	139	5	144	72	5	77
9. Office buildings .....	14,570	1,324	15,894	12,231	1,804	14,035	18,207	1,844	20,051
10. Stores, retail and wholesale .....	—	—	—	—	—	—	—	—	—
11. Garages and service stations .....	5,119	844	5,963	7,040	1,771	8,811	7,587	1,810	9,397
12. Theatres, arenas, amusement and recreational buildings .....	111	14	125	224	16	240	186	19	205
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>—</b>	<b>12</b>	<b>12</b>	<b>—</b>	<b>14</b>	<b>14</b>	<b>220</b>	<b>16</b>	<b>236</b>
14. Schools and other educational buildings .....	—	3	3	—	1	1	220	3	223
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	9	9	—	13	13	—	13	13
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>31,886</b>	<b>3,560</b>	<b>35,446</b>	<b>34,480</b>	<b>2,959</b>	<b>37,439</b>	<b>59,537</b>	<b>3,753</b>	<b>63,110</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	30,884	2,332	33,216	31,297	2,012	33,309	36,708	2,151	38,859
20. Aeroplane hangars .....	68	147	215	49	198	247	41	217	258
21. Passenger terminals, bus, boat or air .....	490	833	1,323	3,070	467	3,537	21,347	1,097	22,444
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	383	47	430	9	72	81	857	78	935
24. Other building construction .....	61	201	262	55	210	265	404	210	614
<b>Total engineering construction .....</b>	<b>1,238,095</b>	<b>252,486</b>	<b>1,490,581</b>	<b>1,376,282</b>	<b>260,899</b>	<b>1,637,181</b>	<b>1,450,367</b>	<b>271,578</b>	<b>1,721,945</b>
<b>Marine construction .....</b>	<b>7,835</b>	<b>3,937</b>	<b>11,772</b>	<b>26,194</b>	<b>5,944</b>	<b>32,138</b>	<b>41,061</b>	<b>7,332</b>	<b>48,393</b>
25. Docks, wharves, piers, breakwaters .....	4,706	2,483	7,189	19,400	3,509	22,909	22,514	3,624	26,138
26. Retaining walls, embankments, riprapping .....	13	37	50	75	1,019	1,094	120	170	290
27. Canals and waterways .....	2,774	1,028	3,802	6,219	933	7,152	18,002	3,049	21,051
28. Dredging and pile driving .....	314	387	701	268	480	748	325	484	809
29. Dyke construction .....	28	—	28	—	—	—	—	—	—
30. Logging booms .....	—	—	—	8	3	11	—	—	—
31. Other marine construction .....	—	2	2	224	—	224	100	5	105

See footnote at end of table.

TABLE 12. Utilities<sup>1</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
Road, highway and aerodrome construction .....	40,569	623	41,192	26,462	734	27,196	20,770	737	21,507
2. Hard surfaced or paved streets, highways, parking lots, etc. ....	33,969	344	34,313	20,888	592	21,480	16,608	614	17,222
3. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,047	131	1,178	2,272	114	2,386	1,614	95	1,709
4. Dirt, clay or other streets, roads, parking lots, etc. ....	741	64	805	118	14	132	46	11	57
5. Grading, scraping, oiling, filling .....	4,811	84	4,895	3,157	5	3,162	2,501	5	2,506
6. Sidewalks, paths .....	—	—	—	2	9	11	—	11	11
7. Aerodromes, landing fields, runways, tarmac .....	1	—	1	25	—	25	1	1	2
Waterworks and sewage systems .....	58,678	21,332	80,010	93,846	20,370	114,216	118,751	20,508	139,259
8. Tile drains, drainage ditches, storm sewers .....	5	10	15	48	13	61	540	8	548
9. Water mains, hydrants and services .....	49,659	19,074	68,733	70,488	16,754	87,242	86,869	18,802	105,671
10. Sewage systems and connections .....	49	47	96	600	23	623	10,500	19	10,519
11. Pumping stations, water .....	8,140	2,110	10,250	18,294	1,319	19,613	17,414	1,586	19,000
12. Water storage tanks .....	825	91	916	4,416	2,261	6,677	3,428	93	3,521
Dams and irrigation .....	119,039	565	119,604	164,634	612	165,246	162,558	947	163,505
13. Dams and reservoirs .....	118,909	565	119,474	156,033	612	156,645	162,558	947	163,505
14. Irrigation and land reclamation projects .....	130	—	130	8,601	—	8,601	—	—	—
Electric power construction .....	459,304	48,223	507,527	585,282	54,318	639,600	638,602	56,222	694,824
15. Electric power generating plants, including water conveying and controlling structures .....	153,286	11,337	164,623	246,682	12,850	259,532	310,748	13,681	324,429
16. Electric transformer stations .....	61,616	3,661	65,277	91,327	4,526	95,853	60,981	4,585	65,566
17. Power transmission and distribution lines, trolley wires .....	237,190	30,923	268,113	239,766	34,799	274,565	258,406	35,745	294,151
18. Street lighting .....	7,212	2,302	9,514	7,507	2,143	9,650	8,467	2,211	10,678
Railway, telephone and telegraph .....	246,179	154,610	400,789	237,542	156,361	393,903	247,165	161,484	408,649
19. Railway tracks and roadbed .....	118,066	102,204	220,270	98,457	101,856	200,313	91,280	105,037	196,317
20. Signals and interlockers .....	9,258	8,453	17,711	8,262	9,307	17,569	5,890	9,454	15,344
21. Telegraph and telephone lines, underground and marine cables .....	118,855	43,953	162,808	130,823	45,198	176,021	149,995	46,993	196,988
Gas and oil facilities .....	198,886	11,511	210,397	145,363	10,112	155,475	140,151	10,597	150,748
22. Gas mains and services .....	47,970	5,161	53,131	67,957	4,800	72,757	57,800	5,203	63,003
23. Pumping stations, oil .....	3,874	1,888	5,762	6,519	1,498	8,017	2,248	1,650	3,898
24. Pumping stations, gas .....	29,127	539	29,666	2,009	460	2,469	7,354	424	7,778
25. Oil storage tanks .....	1,389	296	1,685	930	483	1,413	549	277	826
26. Gas storage tanks .....	248	30	278	693	67	760	3,210	59	3,269
27. Oil pipe lines .....	22,601	2,472	25,073	33,581	1,848	35,429	29,684	1,730	31,414
28. Gas pipe lines .....	93,137	1,062	94,199	28,684	906	29,590	37,877	1,203	39,080
29. Oil wells .....	—	—	—	4,590	—	4,590	799	—	799
30. Gas wells .....	353	23	376	92	26	118	356	27	383
31. Oil refinery - Processing units .....	—	—	—	—	—	—	—	—	—
32. Natural gas cleaning plants .....	187	40	227	308	24	332	274	24	298
Other engineering construction .....	107,605	11,685	119,290	96,959	12,448	109,407	81,309	13,751	95,060
33. Bridges, trestles, culverts, overpasses, viaducts .....	27,601	8,700	36,301	27,404	9,677	37,081	39,623	10,821	50,444
34. Tunnels and subways .....	73,183	44	73,227	65,886	39	65,925	37,619	119	37,738
35. Incinerators .....	—	—	—	—	—	—	—	—	—
36. Park systems, landscaping, sodding, etc. ....	63	32	95	275	53	328	309	42	351
37. Swimming pools, tennis courts, outdoor recreation facilities .....	101	2	103	—	—	—	2	—	2
38. Mine shafts and other below surface workings .....	—	—	—	—	4	4	—	3	3
39. Fences, snowsheds, signs, guard rails .....	2,982	2,420	5,402	1,064	1,863	2,927	927	1,935	2,862
40. Other engineering construction .....	3,675	487	4,162	2,330	812	3,142	2,829	831	3,660

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

TABLE 13. Trade Finance and Commercial Services<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>547, 773</b>	<b>77, 966</b>	<b>625, 739</b>	<b>698, 025</b>	<b>85, 113</b>	<b>783, 138</b>	<b>840, 430</b>	<b>86, 154</b>	<b>926, 584</b>
<b>Total building construction .....</b>	<b>526, 813</b>	<b>75, 969</b>	<b>602, 782</b>	<b>650, 489</b>	<b>83, 319</b>	<b>733, 808</b>	<b>771, 283</b>	<b>84, 156</b>	<b>855, 439</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>15, 964</b>	<b>318</b>	<b>16, 282</b>	<b>21, 851</b>	<b>1, 299</b>	<b>23, 150</b>	<b>13, 867</b>	<b>1, 244</b>	<b>15, 111</b>
2. Factories, plants, work shops, food canneries .....	15, 844	318	16, 162	21, 851	1, 299	23, 150	13, 867	1, 244	15, 111
3. Mine and mine mill buildings .....	-	-	-	-	-	-	-	-	-
4. Railway stations, offices, roadway buildings .....	100	-	100	-	-	-	-	-	-
5. Railway shops, engine houses, water and fuel stations .....	20	-	20	-	-	-	-	-	-
<b>Commercial .....</b>	<b>504, 476</b>	<b>75, 580</b>	<b>580, 056</b>	<b>623, 530</b>	<b>81, 916</b>	<b>705, 446</b>	<b>748, 159</b>	<b>82, 777</b>	<b>830, 936</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	22, 945	3, 416	26, 361	25, 507	6, 276	31, 783	48, 904	6, 652	55, 556
7. Grain elevators .....	24	4	28	-	47	47	225	30	255
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	58, 534	12, 090	70, 624	80, 081	11, 300	91, 381	89, 724	11, 572	101, 296
9. Office buildings .....	198, 056	16, 298	214, 354	235, 412	20, 446	255, 858	265, 624	20, 256	285, 880
10. Stores, retail and wholesale .....	173, 803	30, 806	204, 609	201, 168	31, 592	232, 760	229, 234	31, 575	260, 809
11. Garages and service stations .....	23, 594	9, 457	33, 051	33, 350	8, 448	41, 798	44, 526	8, 509	53, 035
12. Theatres, arenas, amusement and recreational buildings ..	25, 223	2, 299	27, 522	46, 346	2, 671	49, 017	69, 363	3, 053	72, 416
13. Laundries and dry cleaning establishments .....	2, 297	1, 210	3, 507	1, 666	1, 136	2, 802	559	1, 130	1, 689
<b>Institutional .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1, 170</b>	<b>10</b>	<b>1, 180</b>	<b>3, 179</b>	<b>13</b>	<b>3, 192</b>
14. Schools and other educational buildings .....	-	-	-	-	-	-	200	-	200
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	-	-	-	-	-	-	-	-
17. Other institutional buildings .....	-	-	-	1, 170	10	1, 180	2, 979	13	2, 992
<b>Other building construction .....</b>	<b>6, 373</b>	<b>71</b>	<b>6, 444</b>	<b>3, 938</b>	<b>94</b>	<b>4, 032</b>	<b>6, 078</b>	<b>122</b>	<b>6, 200</b>
18. Farm buildings (excluding dwellings) .....	874	-	874	221	2	223	247	4	251
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	-	-	-	-	-	-	-	-	-
20. Aeroplane hangars .....	-	-	-	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air .....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	55	2	57	-	-	-	-	-	-
24. Other building construction .....	5, 444	69	5, 513	3, 717	92	3, 809	5, 831	118	5, 949
<b>Total engineering construction .....</b>	<b>20, 960</b>	<b>1, 997</b>	<b>22, 957</b>	<b>47, 536</b>	<b>1, 794</b>	<b>49, 330</b>	<b>69, 147</b>	<b>1, 998</b>	<b>71, 145</b>
<b>Marine construction .....</b>	<b>324</b>	<b>27</b>	<b>351</b>	<b>3, 071</b>	<b>9</b>	<b>3, 080</b>	<b>1, 758</b>	<b>35</b>	<b>1, 793</b>
25. Docks, wharves, piers, breakwaters .....	88	27	115	2, 427	8	2, 435	113	35	148
26. Retaining walls, embankments, riprapping .....	234	-	234	7	-	7	32	-	32
27. Canals and waterways .....	-	-	-	-	-	-	-	-	-
28. Dredging and pile driving .....	2	-	2	200	1	201	175	-	175
29. Dyke construction .....	-	-	-	12	-	12	38	-	38
30. Logging booms .....	-	-	-	-	-	-	-	-	-
31. Other marine construction .....	-	-	-	425	-	425	1, 400	-	1, 400

See footnote at end of table.



TABLE 13. Trade Finance and Commercial Services<sup>1</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>4,340</b>	<b>904</b>	<b>5,244</b>	<b>6,820</b>	<b>438</b>	<b>7,258</b>	<b>11,179</b>	<b>491</b>	<b>11,670</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,566	812	4,378	3,955	382	4,337	8,331	420	8,751
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	246	65	311	773	38	811	447	48	495
34. Dirt, clay or other streets, roads, parking lots, etc. ....	50	11	61	39	5	44	12	5	17
35. Grading, scraping, oiling, filling .....	403	10	413	1,989	12	2,001	2,322	17	2,339
36. Sidewalks, paths .....	75	6	81	64	1	65	67	1	68
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>2,836</b>	<b>22</b>	<b>2,858</b>	<b>5,640</b>	<b>13</b>	<b>5,653</b>	<b>7,279</b>	<b>17</b>	<b>7,296</b>
38. Tile drains, drainage ditches, storm sewers .....	657	14	671	1,397	4	1,401	1,354	5	1,359
39. Water mains, hydrants and services .....	1,136	—	1,136	1,729	—	1,729	2,037	—	2,037
40. Sewage systems and connections .....	916	8	924	2,239	9	2,248	3,410	12	3,422
41. Pumping stations, water .....	127	—	127	274	—	274	478	—	478
42. Water storage tanks .....	—	—	—	1	—	1	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>7</b>	<b>7</b>	<b>317</b>	<b>—</b>	<b>317</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	—	—	—	317	—	317	—	—	—
44. Irrigation and land reclamation projects .....	—	7	7	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>334</b>	<b>13</b>	<b>347</b>	<b>2,158</b>	<b>4</b>	<b>2,162</b>	<b>4,751</b>	<b>2</b>	<b>4,753</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	1	1	1	—	1	—	—	—
46. Electric transformer stations .....	90	1	91	150	1	151	500	—	500
47. Power transmission and distribution lines, trolley wires .....	160	10	170	1,637	—	1,637	1,740	—	1,740
48. Street lighting .....	84	1	85	370	3	373	2,511	2	2,513
<b>Railway, telephone and telegraph .....</b>	<b>264</b>	<b>3</b>	<b>267</b>	<b>177</b>	<b>—</b>	<b>177</b>	<b>523</b>	<b>—</b>	<b>523</b>
49. Railway tracks and roadbed .....	259	3	362	177	—	177	523	—	523
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	5	—	5	—	—	—	—	—	—
<b>Gas and oil facilities .....</b>	<b>3,537</b>	<b>974</b>	<b>4,511</b>	<b>3,157</b>	<b>828</b>	<b>3,985</b>	<b>4,004</b>	<b>960</b>	<b>4,964</b>
52. Gas main and services .....	5	—	5	404	—	404	305	—	305
53. Pumping stations, oil .....	6	—	6	—	—	—	—	—	—
54. Pumping stations, gas .....	250	24	274	6	4	10	17	5	22
55. Oil storage tanks .....	3,266	904	4,170	2,521	760	3,281	3,501	879	4,380
56. Gas storage tanks .....	4	22	26	220	54	274	137	64	201
57. Oil pipe lines .....	—	24	24	6	10	16	44	12	56
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	6	—	6	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery - Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>9,325</b>	<b>47</b>	<b>9,372</b>	<b>26,196</b>	<b>502</b>	<b>26,698</b>	<b>39,653</b>	<b>493</b>	<b>40,146</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,062	—	7,062	12,259	3	12,262	3,127	3	3,130
64. Tunnels and subways .....	—	—	—	8,335	—	8,335	17,235	—	17,235
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	426	36	462	1,640	30	1,670	8,077	11	8,088
67. Swimming pools, tennis courts, outdoor recreation facilities ....	463	—	463	1,038	455	1,493	683	465	1,148
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	208	11	219	374	14	388	977	14	991
70. Other engineering construction .....	1,166	—	1,166	2,550	—	2,550	9,554	—	9,554

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

TABLE 14. Federal Government Department<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>204, 228</b>	<b>81, 699</b>	<b>285, 927</b>	<b>277, 325</b>	<b>83, 709</b>	<b>361, 034</b>	<b>300, 722</b>	<b>89, 714</b>	<b>390, 436</b>
<b>Total building construction .....</b>	<b>101, 801</b>	<b>49, 343</b>	<b>151, 144</b>	<b>136, 548</b>	<b>47, 058</b>	<b>183, 606</b>	<b>150, 757</b>	<b>50, 194</b>	<b>200, 951</b>
Factories, plants, workshops, food canneries .....	18, 307	5, 394	23, 701	24, 980	5, 311	30, 291	27, 132	5, 675	32, 807
Warehouses, storehouses, refrigerated storage, etc. ....	2, 986	2, 206	5, 192	4, 626	2, 133	6, 759	5, 014	2, 282	7, 296
Hotels, clubs, restaurants, cafeterias, tourist cabins .....	372	1, 142	1, 514	516	1, 150	1, 666	563	1, 211	1, 774
Office buildings .....	35, 289	9, 910	45, 199	46, 262	9, 939	56, 201	50, 597	10, 682	61, 279
Stores, retail and wholesale .....	235	138	373	292	137	429	340	141	481
Garages and service stations .....	893	595	1, 488	1, 196	559	1, 755	1, 376	594	1, 970
Theatres, arenas, amusement and recreational buildings .....	2, 355	3, 211	5, 566	3, 169	2, 399	5, 568	3, 383	2, 643	6, 026
Schools and other educational buildings .....	6, 850	2, 464	9, 314	8, 953	2, 289	11, 242	9, 797	2, 412	12, 209
Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1, 881	2, 194	4, 075	2, 451	2, 179	4, 630	2, 988	2, 352	5, 340
Other institutional buildings .....	12, 595	167	12, 762	16, 579	168	16, 747	19, 317	177	19, 494
Farm buildings (excluding dwellings) .....	1, 748	187	1, 935	2, 443	168	2, 611	2, 610	176	2, 786
Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3, 880	716	4, 596	5, 009	689	5, 698	5, 662	760	6, 422
Aeroplane hangars .....	578	3, 308	3, 886	781	3, 171	3, 952	845	3, 296	4, 141
Passenger terminals, bus, boat or air .....	4, 863	30	4, 893	6, 832	20	6, 852	7, 339	20	7, 359
Armouries, barracks, drill halls, etc. ....	5, 754	14, 401	20, 155	7, 670	13, 600	21, 270	8, 591	14, 484	23, 075
Other building construction .....	3, 215	3, 280	6, 495	4, 789	3, 146	7, 935	5, 203	3, 289	8, 492
<b>Total engineering construction .....</b>	<b>102, 427</b>	<b>32, 356</b>	<b>134, 783</b>	<b>140, 777</b>	<b>36, 651</b>	<b>177, 428</b>	<b>149, 965</b>	<b>39, 520</b>	<b>189, 485</b>
Docks, wharves, piers, breakwaters .....	24, 504	3, 972	28, 476	35, 487	3, 580	39, 067	38, 822	3, 817	42, 639
Retaining walls, embankments, riprapping .....	3, 651	831	4, 482	4, 737	782	5, 519	5, 036	881	5, 917
Canals and waterways .....	85	219	304	115	232	347	128	253	381
Dredging and pile driving .....	1, 028	2, 496	3, 524	1, 407	2, 286	3, 693	1, 524	2, 412	3, 936
Dyke construction .....	375	102	477	567	78	645	597	79	676
Other marine construction .....	2, 026	284	2, 310	3, 127	226	3, 353	3, 499	251	3, 750
Hard surfaced or paved streets, highways, parking lots, etc. ....	7, 939	2, 522	10, 461	10, 326	2, 395	12, 721	12, 181	2, 528	14, 709
Gravel or stone streets, highways, roads, parking lots, etc. ....	6, 274	1, 891	8, 165	7, 979	1, 529	9, 508	9, 659	1, 664	11, 323
Dirt, clay or other streets, roads, parking lots, etc. ....	1, 473	305	1, 778	1, 953	287	2, 240	2, 337	305	2, 642
Grading, scraping, oiling, filling .....	99	143	242	140	127	267	150	136	286
Aerodromes, landing fields, runways, tarmac .....	14, 029	2, 435	16, 464	18, 765	2, 244	21, 009	21, 420	2, 402	23, 822
Tile drains, drainage ditches, storm sewers .....	156	288	444	196	256	452	235	272	507
Water mains, hydrants and services .....	1, 719	765	2, 484	2, 149	678	2, 827	2, 543	723	3, 266
Sewage systems and connections .....	653	602	1, 255	886	573	1, 459	1, 000	618	1, 618
Dams and reservoirs .....	21, 662	1, 535	23, 197	30, 355	1, 456	31, 811	26, 048	1, 409	27, 457
Irrigation and land reclamation projects .....	772	744	1, 516	1, 034	637	1, 671	1, 260	663	1, 923
Electric power generating plants, including water conveying and controlling structures .....	844	1, 538	2, 382	1, 087	1, 466	2, 553	1, 256	1, 570	2, 826
Electric transformer stations .....	128	287	415	170	197	367	201	204	405
Power transmission and distribution lines, trolley wires .....	594	584	1, 178	790	553	1, 343	925	591	1, 516
Oil storage tanks .....	514	40	554	607	35	642	698	39	737
Bridges, trestles, culverts, overpasses, viaducts .....	3, 145	4, 815	7, 960	4, 846	3, 546	8, 392	5, 106	3, 947	9, 053
Park systems, landscaping, sodding, etc. ....	2, 035	2, 282	4, 317	2, 659	2, 133	4, 792	3, 116	2, 272	5, 388
Swimming pools, tennis courts, outdoor recreation facilities .....	953	325	1, 278	1, 367	298	1, 665	1, 507	317	1, 824
Fences, snowsheds, signs, guard rails .....	642	644	1, 286	888	631	1, 519	964	676	1, 640
Other engineering construction .....	7, 127	2, 707	9, 834	9, 140	10, 426	19, 566	9, 753	11, 491	21, 244

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.



TABLE 15. Provincial Government Departments<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>657,918</b>	<b>140,500</b>	<b>798,418</b>	<b>851,958</b>	<b>165,405</b>	<b>1,017,363</b>	<b>963,948</b>	<b>193,002</b>	<b>1,156,950</b>
<b>Total building construction .....</b>	<b>55,309</b>	<b>23,808</b>	<b>79,117</b>	<b>88,455</b>	<b>27,482</b>	<b>115,937</b>	<b>95,203</b>	<b>31,268</b>	<b>126,471</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,743	650	4,393	7,662	308	7,970	6,820	1,152	7,972
9. Office buildings .....	33,635	11,534	45,169	44,869	20,204	65,073	47,040	20,754	67,794
10. Stores, retail and wholesale .....	773	27	800	33	14	47	87	17	104
17. Other institutional buildings .....	8,569	5,531	14,100	25,254	4,939	30,193	27,790	6,101	33,891
24. Other building construction .....	8,589	6,066	14,655	10,637	2,017	12,654	13,466	3,244	16,710
<b>Total engineering construction .....</b>	<b>602,609</b>	<b>116,692</b>	<b>719,301</b>	<b>763,503</b>	<b>137,923</b>	<b>901,426</b>	<b>868,745</b>	<b>161,734</b>	<b>1,030,479</b>
25. Docks, wharves, piers, breakwaters .....	2,239	207	2,446	390	1,966	2,356	459	20	479
26. Retaining walls, embankments, riprapping .....	1,544	31	1,575	9	10	19	40	13	53
31. Other marine construction .....	13	487	500	397	620	1,017	588	671	1,259
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	309,210	35,975	345,185	449,926	74,272	524,198	491,167	82,921	574,088
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	113,642	34,185	147,827	84,682	19,918	104,600	92,716	21,723	114,439
34. Dirt, clay or other streets, roads, parking lots, etc. ....	40,448	16,111	56,559	34,212	10,924	45,136	46,936	22,534	69,470
35. Grading, scraping, oiling, filling .....	19,465	8,155	27,620	18,907	6,841	25,748	21,355	7,862	29,217
38. Tile drains, drainage ditches, storm sewers .....	1,563	1,129	2,692	3,543	1,992	5,535	5,899	1,885	7,784
39. Water mains, hydrants and services .....	384	21	405	1,311	157	1,468	3,322	66	3,388
40. Sewage systems and connections .....	646	12	658	482	11	493	2,620	24	2,644
43. Dams and reservoirs .....	34	—	34	7,901	40	7,941	14,221	37	14,258
44. Irrigation and land reclamation projects .....	146	10	156	2,244	2	2,246	2,895	5	2,900
47. Power transmission and distribution lines, trolley wires ....	31	—	31	359	30	389	224	43	267
51. Telegraph and telephone lines, underground and marine cables .....	934	23	957	5	16	21	—	16	16
63. Bridges, trestles, culverts, overpasses, viaducts .....	103,131	14,863	117,994	131,184	14,872	146,056	158,248	17,325	175,573
66. Park systems, landscaping, sodding, etc. ....	2,099	1,538	3,637	4,647	2,740	7,387	5,250	2,679	7,929
67. Swimming pools, tennis courts, outdoor recreation facilities	3	57	60	1,090	854	1,944	2,844	1,124	3,968
69. Fences, snowsheds, signs, guard rails .....	3,053	2,745	5,798	2,384	1,945	4,329	2,753	2,131	4,884
70. Other engineering construction .....	4,024	1,143	5,167	19,830	713	20,543	17,208	655	17,863

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.



**TABLE 16. Municipal Government Departments<sup>1</sup>**

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>441, 199</b>	<b>109, 114</b>	<b>550, 313</b>	<b>520, 120</b>	<b>85, 891</b>	<b>606, 011</b>	<b>529, 575</b>	<b>87, 330</b>	<b>616, 905</b>
<b>Total building construction .....</b>	<b>73, 625</b>	<b>7, 882</b>	<b>81, 507</b>	<b>98, 956</b>	<b>6, 100</b>	<b>105, 056</b>	<b>95, 416</b>	<b>6, 002</b>	<b>101, 418</b>
9. Office buildings .....	21, 886	1, 450	23, 336	21, 944	1, 751	23, 695	13, 583	1, 487	15, 070
12. Theatres, arenas, amusement and recreational buildings .....	21, 536	4, 130	25, 666	32, 629	2, 258	34, 887	38, 118	2, 287	40, 405
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7, 438	389	7, 827	9, 373	395	9, 768	10, 830	423	11, 253
17. Other institutional buildings .....	13, 576	1, 056	14, 632	20, 283	973	21, 256	17, 739	961	18, 700
30. Other building construction .....	9, 189	857	10, 046	14, 727	723	15, 450	15, 146	844	15, 990
<b>Total engineering construction .....</b>	<b>367, 574</b>	<b>101, 232</b>	<b>468, 806</b>	<b>421, 164</b>	<b>79, 791</b>	<b>500, 955</b>	<b>434, 159</b>	<b>81, 328</b>	<b>515, 487</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	145, 576	68, 655	214, 231	170, 950	55, 908	226, 858	169, 945	56, 490	226, 435
36. Sidewalks, paths .....	17, 004	4, 306	21, 310	18, 595	3, 911	22, 506	17, 637	4, 511	22, 148
40. Sewage systems and connections .....	124, 535	12, 629	137, 164	132, 127	8, 714	140, 841	129, 736	9, 012	138, 748
48. Street lighting .....	6, 074	5, 536	11, 610	7, 632	3, 902	11, 534	8, 213	4, 124	12, 337
63. Bridges, trestles, culverts, overpasses, viaducts .....	38, 501	2, 514	41, 015	44, 964	2, 367	47, 331	59, 386	2, 207	61, 593
70. Other engineering construction .....	35, 884	7, 592	43, 476	46, 896	4, 989	51, 885	49, 242	4, 984	54, 226

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

**TABLE 17. Housing and Institutional Services<sup>1</sup>**

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential .....</b>	<b>2, 027, 500</b>	<b>577, 000</b>	<b>2, 604, 500</b>	<b>2, 133, 300</b>	<b>619, 100</b>	<b>2, 752, 400</b>	<b>2, 216, 000</b>	<b>656, 000</b>	<b>2, 872, 000</b>
<b>Institutional:</b>									
<b>Total value of work .....</b>	<b>647, 807</b>	<b>60, 751</b>	<b>708, 558</b>	<b>872, 749</b>	<b>63, 178</b>	<b>935, 927</b>	<b>1, 098, 188</b>	<b>71, 008</b>	<b>1, 169, 196</b>
8. Hotels, clubs, restaurants, cafeteria, tourist cabins .....	24	—	24	616	11	627	200	—	200
9. Office buildings .....	14	1	15	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	686	30	716	3, 997	73	4, 070	6, 700	307	7, 007
14. Schools and other educational buildings .....	430, 278	30, 383	460, 661	627, 249	35, 405	662, 654	795, 503	40, 357	835, 860
15. Churches and other religious buildings .....	40, 912	8, 639	49, 551	37, 550	6, 034	43, 584	32, 067	6, 090	38, 157
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	147, 273	19, 612	166, 885	163, 530	19, 941	183, 471	209, 696	22, 679	232, 375
17. Other institutional buildings .....	20, 143	1, 783	21, 926	19, 358	1, 487	20, 845	25, 649	1, 247	26, 896
18. Farm buildings (excluding dwellings) .....	—	22	22	11	19	30	—	30	30
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3, 931	99	4, 030	11, 172	97	11, 269	19, 051	81	19, 132
24. Other building construction .....	6	1	7	24	2	26	1, 012	2	1, 014
<b>Total engineering construction .....</b>	<b>4, 540</b>	<b>181</b>	<b>4, 721</b>	<b>9, 242</b>	<b>109</b>	<b>9, 351</b>	<b>8, 310</b>	<b>215</b>	<b>8, 525</b>

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

VALUE OF CONSTRUCTION WORK PERFORMED, BY TYPE OF STRUCTURE - PROVINCES 1964-66<sup>1</sup>

TABLE 18. Newfoundland

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>154,310</b>	<b>27,769</b>	<b>182,079</b>	<b>154,756</b>	<b>35,216</b>	<b>189,972</b>	<b>182,537</b>	<b>36,629</b>	<b>219,166</b>
<b>Total building construction .....</b>	<b>82,991</b>	<b>15,633</b>	<b>98,624</b>	<b>74,052</b>	<b>17,978</b>	<b>92,030</b>	<b>96,639</b>	<b>18,542</b>	<b>115,181</b>
Residential .....	34,800	9,800	44,600	31,300	10,500	41,800	32,700	11,100	43,800
Industrial <sup>2</sup> .....	—	—	—	5,277	1,843	7,120	9,739	2,007	11,746
Commercial .....	9,643	2,487	12,130	12,644	2,242	14,886	12,299	2,225	14,524
Institutional .....	11,479	1,276	12,755	20,982	2,580	23,562	33,942	2,494	36,436
Other building construction .....	27,069	2,070	29,139	3,849	813	4,662	7,959	716	8,675
<b>Total engineering construction .....</b>	<b>71,319</b>	<b>12,136</b>	<b>83,455</b>	<b>80,704</b>	<b>17,238</b>	<b>97,942</b>	<b>85,898</b>	<b>18,087</b>	<b>103,985</b>
Marine construction .....	6,043	1,273	7,316	11,434	1,357	12,791	11,527	1,516	13,043
Road,highway and aerodrome construction .....	45,170	8,045	53,215	39,900	9,178	49,078	34,653	10,127	44,780
Waterworks and sewage systems .....	1,321	362	1,683	748	505	1,253	537	523	1,060
Dams and irrigation .....	15	71	86	35	111	146	37	23	60
Electric power construction .....	6,854	756	7,610	20,674	803	21,477	31,909	952	32,861
Railway, telephone and telegraph .....	3,690	1,320	5,010	3,535	1,740	5,275	2,100	1,414	3,514
Gas and oil facilities .....	894	35	929	159	9	168	1,870	8	1,878
Other engineering construction .....	7,332	274	7,606	4,219	3,535	7,754	3,265	3,524	6,789

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> Included in "Other building" in 1964.

TABLE 19. Prince Edward Island<sup>1</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>25,807</b>	<b>7,731</b>	<b>33,538</b>	<b>29,940</b>	<b>13,631</b>	<b>43,571</b>	<b>36,114</b>	<b>14,201</b>	<b>50,315</b>
<b>Total building construction .....</b>	<b>13,841</b>	<b>4,356</b>	<b>18,197</b>	<b>17,437</b>	<b>4,904</b>	<b>22,341</b>	<b>19,435</b>	<b>4,445</b>	<b>23,880</b>
Residential .....	5,600	1,700	7,300	8,000	1,800	9,800	8,200	1,900	10,100
Industrial .....	757	165	922	2,592	104	2,696	769	122	891
Commercial .....	4,605	571	5,176	3,807	617	4,424	3,936	425	4,361
Institutional .....	2,071	254	2,325	2,129	479	2,608	5,598	247	5,845
Other building construction .....	808	1,666	2,474	909	1,904	2,813	932	1,751	2,683
<b>Total engineering construction .....</b>	<b>11,966</b>	<b>3,375</b>	<b>15,341</b>	<b>12,503</b>	<b>8,727</b>	<b>21,230</b>	<b>16,679</b>	<b>9,756</b>	<b>26,435</b>
Marine construction .....	1,346	561	1,907	1,684	694	2,378	1,767	555	2,322
Road,highway and aerodrome construction .....	7,155	1,378	8,533	7,563	1,615	9,178	8,550	1,807	10,357
Waterworks and sewage systems .....	605	363	968	228	217	445	233	220	453
Dams and irrigation .....	273	94	367	92	106	198	94	109	203
Electric power construction .....	943	305	1,248	975	368	1,343	3,559	348	3,907
Railway, telephone and telegraph .....	689	178	867	752	205	957	1,169	227	1,396
Gas and oil facilities .....	207	1	208	81	—	81	91	—	91
Other engineering construction .....	748	495	1,243	1,128	5,522	6,650	1,216	6,490	7,706

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

TABLE 20. Nova Scotia<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>160,366</b>	<b>55,413</b>	<b>215,779</b>	<b>198,869</b>	<b>56,589</b>	<b>255,458</b>	<b>225,462</b>	<b>60,448</b>	<b>285,910</b>
<b>Total building construction .....</b>	<b>103,226</b>	<b>29,561</b>	<b>132,787</b>	<b>120,175</b>	<b>28,642</b>	<b>148,817</b>	<b>142,595</b>	<b>29,868</b>	<b>172,463</b>
<b>Residential .....</b>	<b>47,000</b>	<b>13,300</b>	<b>60,300</b>	<b>50,900</b>	<b>14,300</b>	<b>65,200</b>	<b>52,700</b>	<b>15,100</b>	<b>67,800</b>
<b>Industrial .....</b>	<b>14,502</b>	<b>3,507</b>	<b>18,009</b>	<b>16,676</b>	<b>4,397</b>	<b>21,073</b>	<b>24,110</b>	<b>4,812</b>	<b>28,922</b>
2. Factories, plants, workshops, food canneries .....	13,553	2,913	16,466	16,320	3,801	20,121	23,254	3,895	27,149
3. Mine and mine mill buildings .....	440	53	493	48	61	109	562	341	903
4. Railway stations, offices, roadway buildings .....	361	377	738	207	357	564	193	386	579
5. Railway shops, engine houses, water and fuel stations .....	148	164	312	101	178	279	101	190	291
<b>Commercial .....</b>	<b>19,311</b>	<b>4,972</b>	<b>24,283</b>	<b>18,673</b>	<b>3,657</b>	<b>22,330</b>	<b>20,620</b>	<b>3,612</b>	<b>24,232</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,281	529	1,810	1,993	627	2,620	1,554	655	2,209
7. Grain elevators .....	1	1	2	51	102	153	902	110	1,012
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,860	398	4,258	2,210	331	2,541	661	218	879
9. Office buildings .....	4,956	2,335	7,291	9,521	1,178	10,699	10,072	1,180	11,252
10. Stores, retail and wholesale .....	5,894	976	6,870	3,585	837	4,422	4,313	817	5,130
11. Garages and service stations .....	675	418	1,093	948	414	1,362	2,425	463	2,888
12. Theatres, arenas, amusement and recreational buildings .....	2,597	265	2,862	365	158	523	693	155	848
13. Laundries and dry cleaning establishments .....	47	50	97	—	10	10	—	14	14
<b>Institutional .....</b>	<b>16,991</b>	<b>2,707</b>	<b>19,698</b>	<b>27,463</b>	<b>2,652</b>	<b>30,115</b>	<b>37,862</b>	<b>2,667</b>	<b>40,529</b>
14. Schools and other educational buildings .....	7,957	1,438	9,395	13,783	1,403	15,186	25,694	1,291	26,985
15. Churches and other religious buildings .....	1,962	371	2,333	2,093	276	2,369	1,130	482	1,612
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,920	800	7,720	11,407	852	12,259	10,495	793	11,288
17. Other institutional buildings .....	152	98	250	180	121	301	543	101	644
<b>Other building construction .....</b>	<b>5,422</b>	<b>5,075</b>	<b>10,497</b>	<b>6,463</b>	<b>3,636</b>	<b>10,099</b>	<b>7,303</b>	<b>3,677</b>	<b>10,980</b>
18. Farm buildings (excluding dwellings) .....	1,825	1,067	2,892	1,995	1,169	3,164	2,043	1,196	3,239
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,265	164	2,429	1,985	33	2,018	2,267	30	2,297
20. Aeroplane hangars .....	122	609	731	136	377	513	158	386	544
21. Passenger terminals, bus, boat or air .....	195	34	229	194	22	216	225	29	254
22. Armouries, barracks, drill halls, etc. ....	679	2,357	3,036	756	1,459	2,215	880	1,493	2,373
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	73	39	112	1,085	46	1,131	1,388	48	1,436
24. Other building construction .....	263	805	1,068	312	530	842	342	495	837
<b>Total engineering construction .....</b>	<b>57,140</b>	<b>25,852</b>	<b>82,992</b>	<b>78,694</b>	<b>27,947</b>	<b>106,641</b>	<b>82,867</b>	<b>30,580</b>	<b>113,447</b>
<b>Marine construction .....</b>	<b>6,801</b>	<b>1,730</b>	<b>8,531</b>	<b>4,904</b>	<b>990</b>	<b>5,894</b>	<b>10,465</b>	<b>979</b>	<b>11,444</b>
25. Docks, wharves, piers, breakwaters .....	6,221	1,517	7,738	4,290	863	5,153	9,690	847	10,537
26. Retaining walls, embankments, riprapping .....	35	21	56	39	12	51	105	13	118
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	180	108	288	200	63	263	233	65	298
29. Dyke construction .....	223	64	287	217	40	257	253	41	294
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	142	20	162	158	12	170	184	13	197

See footnotes at end of table.



TABLE 20. Nova Scotia<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>19,972</b>	<b>10,299</b>	<b>30,271</b>	<b>31,315</b>	<b>13,119</b>	<b>44,434</b>	<b>34,179</b>	<b>15,479</b>	<b>49,658</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	17,987	9,090	27,077	28,597	12,284	40,881	32,301	14,573	46,874
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	219	195	414	213	155	368	206	159	365
34. Dirt, clay or other streets, roads, parking lots, etc. ....	442	278	720	455	206	661	519	212	731
35. Grading, scraping, oiling, filling .....	—	21	21	—	13	13	—	13	13
36. Sidewalks, paths .....	731	73	804	1,389	64	1,453	386	116	502
37. Aerodromes, landing fields, runways, tarmac .....	593	642	1,235	661	397	1,058	767	406	1,173
<b>Waterworks and sewage systems</b> .....	<b>4,510</b>	<b>1,445</b>	<b>5,955</b>	<b>6,576</b>	<b>1,532</b>	<b>8,108</b>	<b>6,121</b>	<b>1,116</b>	<b>7,237</b>
38. Tile drains, drainage ditches, storm sewers .....	197	170	367	224	160	384	222	164	386
39. Water mains, hydrants and services .....	1,758	703	2,461	2,375	584	2,959	3,902	568	4,470
40. Sewage systems and connections .....	2,428	528	2,956	3,296	727	4,023	1,876	329	2,205
41. Pumping stations, water .....	9	25	34	535	32	567	90	27	117
42. Water storage tanks .....	118	19	137	146	29	175	31	28	59
<b>Dams and irrigation</b> .....	<b>1,001</b>	<b>215</b>	<b>1,216</b>	<b>1,226</b>	<b>210</b>	<b>1,436</b>	<b>1,294</b>	<b>637</b>	<b>1,931</b>
43. Dams and reservoirs .....	773	86	859	974	67	1,041	1,035	491	1,526
44. Irrigation and land reclamation projects .....	228	129	357	252	143	395	259	146	405
<b>Electric power construction</b> .....	<b>8,611</b>	<b>1,967</b>	<b>10,578</b>	<b>20,652</b>	<b>3,360</b>	<b>24,012</b>	<b>12,387</b>	<b>2,989</b>	<b>15,376</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,497	349	3,846	6,475	872	7,347	7,225	499	7,724
46. Electric transformer stations .....	246	292	538	1,396	318	1,714	452	279	731
47. Power transmission and distribution lines, trolley wires .....	4,653	1,252	5,905	11,981	2,005	13,986	4,337	2,075	6,412
48. Street lighting .....	215	74	289	800	165	965	373	136	509
<b>Railway, telephone and telegraph</b> .....	<b>7,953</b>	<b>4,708</b>	<b>12,661</b>	<b>5,799</b>	<b>4,272</b>	<b>10,071</b>	<b>7,582</b>	<b>4,666</b>	<b>12,248</b>
49. Railway tracks and roadbed .....	3,025	3,118	6,143	1,756	3,008	4,764	1,717	3,236	4,953
50. Signals and interlockers .....	212	215	427	151	244	395	154	258	412
51. Telegraph and telephone lines, underground and marine cables .....	4,716	1,375	6,091	3,892	1,020	4,912	5,711	1,172	6,883
<b>Gas and oil facilities</b> .....	<b>324</b>	<b>94</b>	<b>418</b>	<b>899</b>	<b>52</b>	<b>951</b>	<b>519</b>	<b>49</b>	<b>568</b>
52. Gas mains and services .....	—	61	61	—	38	38	—	39	39
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	324	33	357	899	7	906	519	6	525
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	3	3	—	3	3
58. Gas pipe lines .....	—	—	—	—	4	4	—	1	1
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery - Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>7,968</b>	<b>5,394</b>	<b>13,362</b>	<b>7,323</b>	<b>4,412</b>	<b>11,735</b>	<b>10,320</b>	<b>4,665</b>	<b>14,985</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,843	1,597	5,440	3,664	1,537	5,201	4,153	1,746	5,899
64. Tunnels and subways .....	—	22	22	—	14	14	—	14	14
65. Incinerators .....	13	—	13	9	—	9	10	—	10
66. Park systems, landscaping, sodding, etc. ....	257	252	509	461	156	617	562	162	724
67. Swimming pools, tennis courts, outdoor recreation facilities ....	3	75	78	3	46	49	14	47	61
68. Mine shafts and other below surface workings .....	1,069	466	1,535	241	216	457	500	228	728
69. Fences, snowsheds, signs, guard rails .....	379	301	680	369	278	647	365	286	651
70. Other engineering construction .....	2,404	2,681	5,085	2,576	2,165	4,741	4,716	2,182	6,898

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".

TABLE 21. New Brunswick<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>162,432</b>	<b>43,291</b>	<b>205,723</b>	<b>217,858</b>	<b>46,481</b>	<b>264,339</b>	<b>222,964</b>	<b>48,928</b>	<b>271,892</b>
<b>Total building construction .....</b>	<b>93,583</b>	<b>21,926</b>	<b>115,509</b>	<b>122,527</b>	<b>23,190</b>	<b>145,717</b>	<b>113,090</b>	<b>24,419</b>	<b>137,509</b>
<b>Residential .....</b>	<b>33,500</b>	<b>9,800</b>	<b>43,300</b>	<b>41,600</b>	<b>10,500</b>	<b>52,100</b>	<b>43,000</b>	<b>11,100</b>	<b>54,100</b>
<b>Industrial .....</b>	<b>25,569</b>	<b>2,988</b>	<b>28,557</b>	<b>34,272</b>	<b>2,814</b>	<b>37,086</b>	<b>21,961</b>	<b>2,866</b>	<b>24,827</b>
2. Factories, plants, workshops, food canneries .....	21,253	2,053	23,306	29,046	1,917	30,963	17,502	1,930	19,432
3. Mine and mine mill buildings .....	3,605	17	3,622	4,429	8	4,437	4,068	8	4,076
4. Railway stations, offices, roadway buildings .....	505	614	1,119	500	591	1,091	260	618	878
5. Railway shops, engine houses, water and fuel stations .....	206	304	510	297	298	595	131	310	441
<b>Commercial .....</b>	<b>15,763</b>	<b>3,875</b>	<b>19,638</b>	<b>22,329</b>	<b>4,180</b>	<b>26,509</b>	<b>18,366</b>	<b>4,137</b>	<b>22,503</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,957	462	3,419	4,363	424	4,787	3,374	508	3,882
7. Grain elevators .....	2	39	41	11	13	24	2	14	16
8. Hotels, clubs, restaurants, cafeterias, tourists cabins .....	966	310	1,276	1,919	272	2,191	887	271	1,158
9. Office buildings .....	6,822	1,660	8,482	8,609	1,899	10,508	7,398	1,723	9,121
10. Stores, retail and wholesale .....	3,793	802	4,595	5,050	1,002	6,052	4,416	764	5,180
11. Garages and service stations .....	815	462	1,277	967	423	1,390	784	411	1,195
12. Theatres, arenas, amusement and recreational buildings .....	408	84	492	1,370	99	1,469	1,384	285	1,669
13. Laundries and dry cleaning establishments .....	—	56	56	40	48	88	121	161	282
<b>Institutional .....</b>	<b>13,656</b>	<b>1,740</b>	<b>15,396</b>	<b>14,715</b>	<b>1,954</b>	<b>16,669</b>	<b>20,053</b>	<b>2,479</b>	<b>22,532</b>
14. Schools and other educational buildings .....	8,975	592	9,567	10,634	858	11,492	17,741	1,417	19,158
15. Churches and other religious buildings .....	1,844	272	2,116	1,974	253	2,227	181	176	357
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,307	716	3,023	1,856	680	2,536	1,510	732	2,242
17. Other institutional buildings .....	530	160	690	251	163	414	621	154	775
<b>Other building construction .....</b>	<b>5,095</b>	<b>3,523</b>	<b>8,618</b>	<b>9,611</b>	<b>3,742</b>	<b>13,353</b>	<b>9,710</b>	<b>3,837</b>	<b>13,547</b>
18. Farm buildings (excluding dwellings) .....	1,622	1,094	2,716	2,041	1,367	3,408	2,174	1,408	3,582
19. Broadcasting, radio and television, relay and booster stations, telephone exchange .....	989	201	1,190	1,890	258	2,148	3,098	221	3,319
20. Aeroplane hangars .....	18	105	123	35	107	142	34	110	144
21. Passenger terminals, bus, boat or air .....	894	17	911	1,706	4	1,710	1,680	4	1,684
22. Armouries, barracks, drill halls, etc. ....	69	1,591	1,660	134	1,627	1,761	132	1,661	1,793
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	684	460	1,144	1,871	309	2,180	504	358	862
24. Other building construction .....	819	55	874	1,934	70	2,004	2,088	75	2,163
<b>Total engineering construction .....</b>	<b>68,849</b>	<b>21,365</b>	<b>90,214</b>	<b>95,331</b>	<b>23,291</b>	<b>118,622</b>	<b>109,874</b>	<b>24,509</b>	<b>134,383</b>
<b>Marine construction .....</b>	<b>3,496</b>	<b>864</b>	<b>4,360</b>	<b>7,848</b>	<b>813</b>	<b>8,661</b>	<b>6,403</b>	<b>815</b>	<b>7,218</b>
25. Docks, wharves, piers, breakwaters .....	2,972	500	3,472	6,701	402	7,103	5,321	406	5,727
26. Retaining walls, embankments, riprapping .....	94	1	95	183	1	184	180	11	191
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	145	297	442	410	326	736	357	318	675
29. Dyke construction .....	180	29	209	350	30	380	344	30	374
30. Logging booms .....	—	30	30	—	47	47	—	43	43
31. Other marine construction .....	105	7	112	204	7	211	201	7	208

See footnotes at end of table.



TABLE 21. New Brunswick<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>27,265</b>	<b>7,701</b>	<b>34,966</b>	<b>34,714</b>	<b>10,651</b>	<b>45,365</b>	<b>32,259</b>	<b>10,844</b>	<b>43,103</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	9,639	895	10,534	21,380	6,759	28,139	20,211	6,853	27,064
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,661	185	13,846	11,244	3,131	14,375	9,963	3,184	13,147
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,042	6,421	9,463	353	571	924	373	632	1,005
35. Grading, scraping, oiling, filling .....	3	23	26	30	21	51	11	22	33
36. Sidewalks, paths .....	176	127	303	262	118	380	277	101	378
37. Aerodromes, landings fields, runways, tarmac .....	744	50	794	1,445	51	1,496	1,424	52	1,476
<b>Waterworks and sewage systems</b> .....	<b>5,057</b>	<b>1,375</b>	<b>6,432</b>	<b>5,790</b>	<b>660</b>	<b>6,450</b>	<b>3,441</b>	<b>653</b>	<b>4,094</b>
38. Tile drains, drainage ditches, storm sewers .....	184	138	322	216	164	380	222	169	391
39. Water mains, hydrants and services .....	3,406	1,087	4,493	1,033	362	1,395	710	363	1,073
40. Sewage systems and connections .....	1,285	125	1,410	1,405	90	1,495	971	87	1,058
41. Pumping stations, water .....	138	8	146	3	22	25	4	11	15
42. Water storage tanks .....	44	17	61	3,133	22	3,155	1,534	23	1,557
<b>Dams and irrigation</b> .....	<b>1,428</b>	<b>168</b>	<b>1,596</b>	<b>15,460</b>	<b>223</b>	<b>15,683</b>	<b>6,118</b>	<b>196</b>	<b>6,314</b>
43. Dams and reservoirs .....	1,228	28	1,256	6,607	49	6,656	5,858	17	5,875
44. Irrigation and land reclamation projects .....	200	140	340	8,853	174	9,027	260	179	439
<b>Electric power construction</b> .....	<b>17,077</b>	<b>1,633</b>	<b>18,710</b>	<b>10,425</b>	<b>1,511</b>	<b>11,936</b>	<b>40,841</b>	<b>2,248</b>	<b>43,089</b>
45. Electric power generating plants, including water conveying and controlling structures .....	7,469	723	8,192	1,673	641	2,314	26,695	756	27,451
46. Electric transformer stations .....	982	141	1,123	8,434	30	8,464	3,861	30	3,891
47. Power transmission and distribution lines, trolley wires .....	8,343	731	9,074	251	788	1,039	10,070	1,399	11,469
48. Street lighting .....	283	38	321	67	52	119	215	63	278
<b>Railway, telephone and telegraph</b> .....	<b>8,072</b>	<b>6,318</b>	<b>14,390</b>	<b>9,257</b>	<b>6,347</b>	<b>15,604</b>	<b>8,518</b>	<b>6,689</b>	<b>15,207</b>
49. Railway tracks and roadbed .....	4,375	4,846	9,221	4,711	4,736	9,447	2,736	4,918	7,654
50. Signals and interlockers .....	296	407	703	491	424	915	201	443	644
51. Telegraph and telephone lines, underground and marine cables .....	3,401	1,065	4,466	4,055	1,187	5,242	5,581	1,328	6,909
<b>Gas and oil facilities</b> .....	<b>211</b>	<b>34</b>	<b>245</b>	<b>153</b>	<b>18</b>	<b>171</b>	<b>130</b>	<b>20</b>	<b>150</b>
52. Gas mains and services .....	1	9	10	5	10	15	5	10	15
53. Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas .....	-	-	-	-	-	-	-	-	-
55. Oil storage tanks .....	177	25	202	95	-	95	113	-	113
56. Gas storage tanks .....	-	-	-	-	-	-	-	-	-
57. Oil pipe lines .....	12	-	12	16	-	16	12	-	12
58. Gas pipe lines .....	-	-	-	-	-	-	-	-	-
59. Oil wells .....	5	-	5	17	-	17	-	-	-
60. Gas wells .....	16	-	16	-	-	-	-	-	-
61. Oil refinery - Processing units <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
62. Natural gas cleaning plants .....	-	-	-	20	8	28	-	10	10
<b>Other engineering construction</b> .....	<b>6,243</b>	<b>3,272</b>	<b>9,515</b>	<b>11,684</b>	<b>3,068</b>	<b>14,752</b>	<b>12,164</b>	<b>3,044</b>	<b>15,208</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,449	1,667	6,116	8,971	1,672	10,643	8,598	1,748	10,346
64. Tunnels and subways .....	-	4	4	-	4	4	-	4	4
65. Incinerators .....	1	2	3	2	2	4	2	2	4
66. Park systems, landscaping, sodding, etc. ....	126	236	362	146	241	387	318	245	563
67. Swimming pools, tennis court, outdoor recreation facilities ....	222	22	244	448	24	472	517	23	540
68. Mine shafts and other below surface workings .....	901	1	902	1,103	1	1,104	1,933	24	1,957
69. Fences, snowsheds, signs, guard rails .....	401	605	1,006	535	332	867	541	347	888
70. Other engineering construction .....	143	735	878	479	792	1,271	255	651	906

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".



TABLE 22. Quebec<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,986,431</b>	<b>379,514</b>	<b>2,365,945</b>	<b>2,280,486</b>	<b>404,196</b>	<b>2,684,682</b>	<b>2,422,974</b>	<b>427,248</b>	<b>2,850,222</b>
<b>Total building construction .....</b>	<b>1,152,116</b>	<b>259,210</b>	<b>1,411,326</b>	<b>1,311,616</b>	<b>274,242</b>	<b>1,585,858</b>	<b>1,417,638</b>	<b>290,811</b>	<b>1,708,449</b>
<b>Residential .....</b>	<b>548,900</b>	<b>156,400</b>	<b>705,300</b>	<b>565,100</b>	<b>167,800</b>	<b>732,900</b>	<b>591,600</b>	<b>177,900</b>	<b>769,500</b>
<b>Industrial .....</b>	<b>103,140</b>	<b>38,505</b>	<b>141,645</b>	<b>126,523</b>	<b>36,243</b>	<b>162,766</b>	<b>145,950</b>	<b>37,465</b>	<b>183,415</b>
2. Factories, plants, workshops, food canneries ....	98,270	34,516	132,786	120,036	30,773	150,809	137,857	32,437	170,294
3. Mine and mine mill buildings <sup>3</sup> .....	—	—	—	3,177	2,151	5,328	4,739	1,655	6,394
4. Railway stations, offices, roadway buildings.....	1,846	2,437	4,283	1,562	2,079	3,641	995	2,128	3,123
5. Railway shops, engine houses, water and fuel stations.....	3,024	1,552	4,576	1,748	1,240	2,988	2,359	1,245	3,604
<b>Commercial .....</b>	<b>207,887</b>	<b>29,891</b>	<b>237,778</b>	<b>275,673</b>	<b>38,119</b>	<b>313,792</b>	<b>330,281</b>	<b>38,524</b>	<b>368,805</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	18,472	2,599	21,071	21,065	5,069	26,134	27,148	5,202	32,350
7. Grain elevators .....	2,677	976	3,653	769	1,371	2,140	2,456	1,474	3,930
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	19,593	3,483	23,076	31,451	3,618	35,069	38,789	3,911	42,700
9. Office buildings.....	96,335	10,969	107,304	106,920	16,344	123,264	118,250	16,556	134,806
10. Stores, retail and wholesale .....	50,456	7,299	57,755	78,148	8,039	86,187	72,580	7,756	80,336
11. Garages and service stations .....	8,485	2,361	10,846	9,896	1,999	11,895	9,336	1,933	11,269
12. Theatres, arenas, amusement and recreational buildings .....	11,111	1,817	12,928	27,288	1,319	28,607	61,649	1,369	63,018
13. Laundries and dry cleaning establishments .....	758	387	1,145	136	360	496	73	323	396
<b>Institutional .....</b>	<b>205,807</b>	<b>18,236</b>	<b>244,043</b>	<b>284,667</b>	<b>17,801</b>	<b>302,468</b>	<b>266,254</b>	<b>21,394</b>	<b>287,648</b>
14. Schools and other educational buildings .....	136,154	6,765	142,919	200,857	8,148	209,005	181,986	9,470	191,456
15. Churches and other religious buildings .....	10,204	3,161	13,365	7,844	2,609	10,453	5,902	2,985	8,887
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	43,058	5,867	48,925	50,921	6,026	56,947	50,151	8,038	58,189
17. Other institutional buildings .....	16,391	2,443	18,834	25,045	1,018	26,063	28,215	901	29,116
<b>Other building construction .....</b>	<b>86,382</b>	<b>16,178</b>	<b>102,560</b>	<b>59,653</b>	<b>14,279</b>	<b>73,932</b>	<b>83,553</b>	<b>15,528</b>	<b>99,081</b>
18. Farm buildings (excluding dwellings) .....	24,573	7,816	32,389	26,547	8,449	34,996	27,446	8,697	36,143
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6,193	800	6,993	12,552	415	12,967	15,917	460	16,377
20. Aeroplane hangars.....	59	360	419	84	346	430	95	390	485
21. Passenger terminals, bus, boat or air .....	107	651	758	3,011	303	3,314	21,050	906	21,956
22. Armouries, barracks, drill halls, etc. ....	337	2,784	3,121	479	2,642	3,121	543	2,981	3,524
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,362	1,411	6,773	6,872	1,081	7,953	8,936	1,039	9,975
24. Other building construction .....	49,751	2,356	52,107	10,108	1,043	11,151	9,566	1,055	10,621
<b>Total engineering construction .....</b>	<b>834,315</b>	<b>120,304</b>	<b>954,619</b>	<b>968,870</b>	<b>129,954</b>	<b>1,098,824</b>	<b>1,005,336</b>	<b>136,437</b>	<b>1,141,773</b>
<b>Marine construction .....</b>	<b>8,167</b>	<b>3,760</b>	<b>11,927</b>	<b>14,043</b>	<b>4,807</b>	<b>18,850</b>	<b>17,795</b>	<b>5,184</b>	<b>22,979</b>
25. Docks, wharves, piers, breakwaters.....	6,679	1,572	8,251	11,979	2,558	14,537	14,799	2,877	17,676
26. Retaining walls, embankments, riprapping .....	1,020	821	1,841	620	826	1,446	848	940	1,788
27. Canals and waterways .....	138	489	627	75	423	498	88	388	476
28. Dredging and pile driving.....	136	669	805	412	770	1,182	419	671	1,090
29. Dyke construction .....	—	5	5	1	1	2	—	1	1
30. Logging booms.....	70	160	230	375	193	568	94	277	371
31. Other marine construction .....	124	44	168	581	36	617	1,547	30	1,577

See footnotes at end of table.

TABLE 22. Quebec <sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>257,366</b>	<b>35,689</b>	<b>293,055</b>	<b>310,010</b>	<b>50,911</b>	<b>360,921</b>	<b>337,783</b>	<b>54,986</b>	<b>392,769</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	209,810	11,485	221,295	282,369	44,783	327,152	308,226	47,913	356,139
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	27,935	16,791	44,726	10,693	2,648	13,341	11,457	2,758	14,215
34. Dirt, clay or other streets, roads, parking lots, etc. ....	7,556	2,925	10,481	5,337	2,398	7,735	5,465	3,175	8,640
35. Grading, scraping, oiling, filling .....	4,497	2,929	7,426	1,856	33	1,889	2,091	9	2,100
36. Sidewalks, paths .....	4,697	845	5,542	6,196	468	6,664	6,514	479	6,993
37. Aerodromes, landing fields, runways, tarmac .....	2,871	714	3,585	3,559	581	4,140	4,030	652	4,682
<b>Waterworks and sewage systems</b> .....	<b>39,029</b>	<b>10,535</b>	<b>49,564</b>	<b>60,163</b>	<b>10,825</b>	<b>70,988</b>	<b>63,207</b>	<b>9,669</b>	<b>72,876</b>
38. Tile drains, drainage ditches, storm sewers .....	3,559	941	4,500	3,614	973	4,587	3,845	1,013	4,858
39. Water mains, hydrants and services .....	20,051	7,308	27,359	30,387	6,117	36,504	33,567	7,074	40,641
40. Sewage systems and connections .....	12,640	1,299	13,939	17,361	732	18,093	19,488	783	20,271
41. Pumping stations, water .....	1,953	855	2,808	7,772	650	8,422	5,208	657	5,865
42. Water storage tanks .....	826	132	958	1,029	2,353	3,382	1,099	142	1,241
<b>Dams and irrigation</b> .....	<b>75,924</b>	<b>1,237</b>	<b>77,161</b>	<b>46,769</b>	<b>1,374</b>	<b>48,143</b>	<b>59,906</b>	<b>1,372</b>	<b>61,278</b>
43. Dams and reservoirs .....	72,762	282	73,044	43,310	352	43,662	56,305	314	56,619
44. Irrigation and land reclamation projects .....	3,162	955	4,117	3,459	1,022	4,481	3,601	1,058	4,659
<b>Electric power construction</b> .....	<b>250,489</b>	<b>10,657</b>	<b>261,146</b>	<b>282,839</b>	<b>9,268</b>	<b>292,107</b>	<b>266,361</b>	<b>9,188</b>	<b>275,549</b>
45. Electric power generating plants, including water conveying and controlling structures .....	88,926	3,405	92,331	129,851	3,513	133,364	144,664	3,675	148,339
46. Electric transformer stations .....	48,108	880	48,988	71,272	1,167	72,439	42,331	1,160	43,491
47. Power transmission and distribution lines, trolley wires .....	108,997	3,730	112,727	78,230	3,545	81,775	72,934	3,262	76,196
48. Street lighting .....	4,458	2,642	7,100	3,486	1,043	4,529	6,432	1,091	7,523
<b>Railway, telephone and telegraph</b> .....	<b>58,191</b>	<b>31,915</b>	<b>90,106</b>	<b>55,169</b>	<b>32,926</b>	<b>88,095</b>	<b>52,674</b>	<b>33,670</b>	<b>86,344</b>
49. Railway tracks and roadbed .....	17,804	18,420	36,224	15,668	19,863	35,531	13,780	19,853	33,633
50. Signals and interlockers .....	2,207	1,859	4,066	1,841	1,833	3,674	1,003	1,835	2,838
51. Telegraph and telephone lines, underground and marine cables .....	38,180	11,636	49,816	37,660	11,230	48,890	37,891	11,982	49,873
<b>Gas and oil facilities</b> .....	<b>17,525</b>	<b>11,799</b>	<b>29,324</b>	<b>27,759</b>	<b>8,217</b>	<b>35,976</b>	<b>17,911</b>	<b>9,802</b>	<b>27,713</b>
52. Gas mains and services .....	6,468	1,081	7,549	5,496	1,150	6,646	6,764	892	7,656
53. Pumping stations, oil .....	63	39	102	50	39	89	115	50	165
54. Pumping stations, gas .....	188	—	188	62	—	62	3	—	3
55. Oil storage tanks .....	3,831	639	4,470	1,786	681	2,467	2,513	802	3,315
56. Gas storage tanks .....	111	30	141	9	68	77	25	56	81
57. Oil pipe lines .....	207	82	289	7,436	188	7,624	2,773	117	2,890
58. Gas pipe lines .....	90	34	124	2,000	30	2,030	1,965	27	1,992
59. Oil wells .....	8	—	8	190	—	190	220	—	220
60. Gas wells .....	8	—	8	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>4</sup> .....	6,551	9,894	16,445	10,730	6,061	16,791	3,533	7,858	11,391
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>127,624</b>	<b>14,712</b>	<b>142,336</b>	<b>172,118</b>	<b>11,626</b>	<b>183,744</b>	<b>189,699</b>	<b>12,566</b>	<b>202,265</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	48,124	6,493	54,617	65,239	6,160	71,399	81,022	6,202	87,224
64. Tunnels and subways .....	30,758	5	30,763	41,394	10	41,404	23,241	32	23,273
65. Incinerators .....	65	9	74	11	8	19	13	10	23
66. Park systems, landscaping, sodding, etc. ....	1,563	527	2,090	2,344	329	2,673	9,465	348	9,813
67. Swimming pools, tennis courts, outdoor recreation facilities ....	228	35	263	44	19	63	22	13	35
68. Mine shafts and other below surface workings .....	7,946	579	8,525	8,676	480	9,156	10,250	1,082	11,332
69. Fences, snowsheds, signs, guard rails .....	7,560	2,050	9,610	4,960	1,747	6,707	5,613	1,828	7,441
70. Other engineering construction .....	31,380	5,014	36,394	49,450	2,873	52,323	60,073	3,051	63,124

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other building construction" for 1964.<sup>4</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



TABLE 23. Ontario<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,248,390</b>	<b>576,742</b>	<b>2,825,132</b>	<b>2,566,579</b>	<b>610,497</b>	<b>3,177,076</b>	<b>3,000,849</b>	<b>642,460</b>	<b>3,643,309</b>
<b>Total building construction .....</b>	<b>1,551,861</b>	<b>380,885</b>	<b>1,932,686</b>	<b>1,782,858</b>	<b>405,431</b>	<b>2,188,289</b>	<b>2,062,107</b>	<b>427,861</b>	<b>2,489,968</b>
<b>Residential .....</b>	<b>774,300</b>	<b>220,400</b>	<b>994,700</b>	<b>802,600</b>	<b>236,500</b>	<b>1,039,100</b>	<b>831,400</b>	<b>250,700</b>	<b>1,082,100</b>
<b>Industrial .....</b>	<b>198,970</b>	<b>67,411</b>	<b>266,381</b>	<b>261,975</b>	<b>69,188</b>	<b>331,163</b>	<b>365,459</b>	<b>72,244</b>	<b>437,703</b>
2. Factories, plants, workshops, food canneries ....	186,611	53,449	240,060	238,656	54,644	293,300	305,555	56,702	362,257
3. Mine and mine mill buildings .....	6,166	7,786	13,952	19,000	8,222	27,222	56,147	8,951	65,098
4. Railway stations, offices, roadway buildings .....	4,357	4,316	8,673	2,699	4,205	6,904	2,551	4,390	6,941
5. Railway shops, engine houses, water and fuel stations .....	1,836	1,860	3,696	1,620	2,117	3,737	1,206	2,201	3,407
<b>Commercial .....</b>	<b>273,189</b>	<b>44,451</b>	<b>317,640</b>	<b>323,149</b>	<b>45,989</b>	<b>369,138</b>	<b>375,747</b>	<b>46,489</b>	<b>422,236</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	19,675	3,524	23,199	17,473	4,055	21,528	29,387	4,377	33,764
7. Grain elevators .....	422	953	1,375	709	935	1,644	2,295	640	2,935
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	13,229	3,988	17,217	18,224	3,987	22,211	24,170	3,991	28,161
9. Office buildings .....	143,388	16,650	160,038	175,124	17,991	193,115	192,358	18,222	210,580
10. Stores, retail and wholesale .....	62,975	11,928	74,903	60,390	11,949	72,339	79,341	12,296	91,637
11. Garages and service stations .....	12,736	5,170	17,906	16,818	4,456	21,274	24,391	4,427	28,818
12. Theatres, arenas, amusement and recreational buildings .....	20,097	1,856	21,953	33,131	2,138	35,269	23,528	2,124	25,652
13. Laundries and dry cleaning establishments .....	667	382	1,049	1,280	478	1,758	277	412	689
<b>Institutional .....</b>	<b>243,006</b>	<b>21,046</b>	<b>264,052</b>	<b>327,989</b>	<b>23,839</b>	<b>351,828</b>	<b>413,105</b>	<b>26,030</b>	<b>439,135</b>
14. Schools and other educational buildings .....	155,383	7,917	163,300	236,865	12,507	249,372	294,456	14,756	309,212
15. Churches and other religious buildings .....	13,752	3,332	17,084	15,145	2,156	17,301	12,915	1,731	14,646
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	58,041	7,870	65,911	57,969	8,253	66,222	80,169	8,540	88,709
17. Other institutional buildings .....	15,830	1,927	17,757	18,010	923	18,933	25,565	1,003	26,568
<b>Other building construction .....</b>	<b>62,336</b>	<b>27,577</b>	<b>89,913</b>	<b>67,145</b>	<b>29,915</b>	<b>97,060</b>	<b>76,396</b>	<b>32,398</b>	<b>108,794</b>
18. Farm buildings (excluding dwellings) .....	36,530	19,357	55,887	38,223	20,565	58,788	39,500	21,198	60,698
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	11,937	416	12,353	9,193	460	9,653	9,176	507	9,683
20. Aeroplane hangars .....	84	890	974	105	969	1,074	117	1,076	1,193
21. Passenger terminals, bus, boat or air .....	2,331	77	2,408	2,543	52	2,595	2,863	73	2,936
22. Armouries, barracks, drill halls, etc. ....	1,865	3,997	5,862	2,335	4,530	6,865	2,462	4,875	7,337
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	837	439	1,276	5,138	419	5,557	8,857	447	9,304
24. Other building construction .....	8,752	2,401	11,153	9,608	2,920	12,528	13,421	4,222	17,643
<b>Total engineering construction .....</b>	<b>696,589</b>	<b>195,857</b>	<b>892,446</b>	<b>783,721</b>	<b>205,066</b>	<b>988,787</b>	<b>938,742</b>	<b>214,599</b>	<b>1,153,341</b>
<b>Marine construction .....</b>	<b>14,332</b>	<b>3,399</b>	<b>17,731</b>	<b>25,207</b>	<b>4,067</b>	<b>29,274</b>	<b>38,641</b>	<b>5,228</b>	<b>43,869</b>
25. Docks, wharves, piers, breakwaters .....	6,901	1,638	8,539	14,404	1,396	15,800	15,661	1,262	16,923
26. Retaining walls, embankments, riprapping .....	4,145	45	4,190	3,799	965	4,764	3,968	102	4,070
27. Canals and waterways .....	2,750	907	3,657	6,252	849	7,101	18,036	2,974	21,010
28. Dredging and pile driving .....	419	199	618	525	165	690	628	106	734
29. Dyke construction .....	5	13	18	5	15	20	31	15	46
30. Logging booms .....	23	92	115	29	71	100	—	85	85
31. Other marine construction .....	89	505	594	193	606	799	317	684	1,001

See footnotes at end of table.



TABLE 23. Ontario<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>177,820</b>	<b>57,347</b>	<b>235,167</b>	<b>213,512</b>	<b>58,023</b>	<b>271,535</b>	<b>228,264</b>	<b>60,758</b>	<b>289,022</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	138,320	45,637	183,957	164,593	44,338	208,931	175,755	45,433	221,188
33. Gravel or stone streets, highways, roads, parking lots, etc.	31,267	3,064	34,331	38,882	3,664	42,546	42,121	4,030	46,151
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,070	1,395	3,465	2,157	1,516	3,673	2,207	1,572	3,779
35. Grading, scraping, oiling, filling .....	175	4,267	4,442	420	5,249	5,669	300	5,926	6,226
36. Sidewalks, paths .....	4,308	2,256	6,564	5,331	2,426	7,757	5,663	2,903	8,566
37. Aerodromes, landing fields, runways, tarmac .....	1,680	728	2,408	2,129	830	2,959	2,218	894	3,112
<b>Waterworks and sewage systems .....</b>	<b>93,721</b>	<b>18,328</b>	<b>112,049</b>	<b>102,729</b>	<b>17,651</b>	<b>120,380</b>	<b>152,130</b>	<b>19,046</b>	<b>171,176</b>
38. Tile drains, drainage ditches, storm sewers .....	5,610	3,235	8,845	7,357	3,613	10,970	7,897	3,837	11,734
39. Water mains, hydrants and services .....	23,391	7,935	31,326	27,371	7,550	34,921	45,745	8,062	53,807
40. Sewage systems and connections .....	59,803	5,801	65,604	59,778	5,310	65,088	86,475	5,647	92,122
41. Pumping stations, water .....	4,281	1,009	5,290	7,198	830	8,028	10,431	1,134	11,565
42. Water storage tanks .....	636	348	984	1,025	348	1,373	1,582	366	1,948
<b>Dams and irrigation .....</b>	<b>10,807</b>	<b>2,590</b>	<b>13,397</b>	<b>17,731</b>	<b>2,819</b>	<b>20,550</b>	<b>22,666</b>	<b>2,921</b>	<b>25,587</b>
43. Dams and reservoirs .....	6,316	217	6,533	13,134	292	13,426	17,927	316	18,243
44. Irrigation and land reclamation projects .....	4,491	2,373	6,864	4,597	2,527	7,124	4,739	2,605	7,344
<b>Electric power construction .....</b>	<b>87,937</b>	<b>29,133</b>	<b>117,070</b>	<b>130,395</b>	<b>33,787</b>	<b>164,182</b>	<b>134,668</b>	<b>34,540</b>	<b>169,208</b>
45. Electric power generating plants, including water conveying and controlling structures .....	28,760	5,174	33,934	64,693	6,200	70,893	65,191	6,666	71,857
46. Electric transformer stations .....	7,676	2,349	10,025	7,489	2,794	10,283	9,669	2,825	12,494
47. Power transmission and distribution lines, trolley wires .....	46,974	17,991	64,965	53,221	21,464	74,685	53,875	21,624	75,499
48. Street lighting .....	4,527	3,619	8,146	4,992	3,329	8,321	5,933	3,425	9,358
<b>Railway, telephone and telegraph .....</b>	<b>76,634</b>	<b>52,136</b>	<b>128,770</b>	<b>76,194</b>	<b>53,702</b>	<b>129,896</b>	<b>83,052</b>	<b>55,645</b>	<b>138,697</b>
49. Railway tracks and roadbed .....	34,616	32,083	66,699	30,674	32,570	63,244	31,019	33,673	64,692
50. Signals and interlockers .....	2,681	3,246	5,927	2,447	3,208	5,655	1,952	3,176	5,128
51. Telegraph and telephone lines, underground and marine cables .....	39,337	16,807	56,144	43,073	17,924	60,997	50,081	18,796	68,877
<b>Gas and oil facilities .....</b>	<b>75,264</b>	<b>16,411</b>	<b>91,675</b>	<b>52,948</b>	<b>16,473</b>	<b>69,421</b>	<b>90,512</b>	<b>16,307</b>	<b>106,819</b>
52. Gas mains and services .....	25,761	2,197	27,958	24,391	2,054	26,445	32,848	2,048	34,896
53. Pumping stations, oil .....	189	240	429	608	314	922	155	307	462
54. Pumping stations, gas .....	27,812	429	28,241	1,550	319	1,869	230	291	521
55. Oil storage tanks .....	1,154	677	1,831	1,241	781	2,022	2,121	784	2,905
56. Gas storage tanks .....	71	22	93	231	34	265	112	39	151
57. Oil pipe lines .....	1,006	641	1,647	188	451	639	125	416	541
58. Gas pipe lines .....	10,706	431	11,137	5,685	262	5,947	8,708	269	8,977
59. Oil wells .....	657	265	922	1,011	234	1,245	1,131	262	1,393
60. Gas wells .....	813	290	1,103	1,621	379	2,000	1,616	378	1,994
61. Oil refinery - Processing units <sup>3</sup> .....	7,095	11,219	18,314	16,422	11,609	28,031	43,466	11,478	54,944
62. Natural gas cleaning plants .....	-	-	-	-	36	36	-	35	35
<b>Other engineering construction .....</b>	<b>160,074</b>	<b>16,513</b>	<b>176,587</b>	<b>165,005</b>	<b>18,544</b>	<b>183,549</b>	<b>188,809</b>	<b>20,154</b>	<b>208,963</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	92,955	6,077	99,032	105,447	6,805	112,252	112,097	7,789	119,886
64. Tunnels and subways .....	42,512	40	42,552	32,708	46	32,754	30,975	94	31,069
65. Incinerators .....	8	6	14	9	1	10	40	1	41
66. Park systems, landscaping, sodding, etc. ....	1,560	1,936	3,496	4,071	2,120	6,191	4,286	2,347	6,633
67. Swimming pools, tennis courts, outdoor recreation facilities .....	759	181	940	1,627	694	2,321	1,987	766	2,753
68. Mine shafts and other below surface workings .....	8,117	909	9,026	6,779	1,003	7,782	18,361	1,040	19,401
69. Fences, snowsheds, signs, guard rails .....	7,080	5,544	12,624	7,204	5,866	13,070	7,498	6,227	13,725
70. Other engineering construction .....	7,083	1,820	8,903	7,160	2,009	9,169	13,565	1,890	15,455

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

TABLE 24. Manitoba<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>331,998</b>	<b>89,135</b>	<b>421,133</b>	<b>356,553</b>	<b>91,146</b>	<b>447,699</b>	<b>377,517</b>	<b>94,187</b>	<b>471,704</b>
<b>Total building construction .....</b>	<b>182,133</b>	<b>51,358</b>	<b>233,491</b>	<b>193,551</b>	<b>52,636</b>	<b>246,187</b>	<b>224,187</b>	<b>54,354</b>	<b>278,541</b>
<b>Residential .....</b>	<b>89,600</b>	<b>25,400</b>	<b>115,000</b>	<b>87,200</b>	<b>27,200</b>	<b>114,400</b>	<b>90,300</b>	<b>28,800</b>	<b>119,100</b>
<b>Industrial .....</b>	<b>20,741</b>	<b>6,285</b>	<b>27,026</b>	<b>33,806</b>	<b>6,108</b>	<b>39,914</b>	<b>31,547</b>	<b>6,159</b>	<b>37,706</b>
2. Factories, plants, workshops, food canneries .....	17,422	3,714	21,136	30,171	3,925	34,096	28,410	3,873	32,283
3. Mine and mine mill buildings .....	1,074	243	1,317	2,119	139	2,258	2,166	155	2,321
4. Railway stations, offices, roadway buildings .....	1,206	1,599	2,805	966	1,371	2,337	634	1,430	2,064
5. Railway shops, engine houses, water and fuel stations .....	1,039	729	1,768	550	673	1,223	337	701	1,038
<b>Commercial .....</b>	<b>28,411</b>	<b>7,683</b>	<b>36,094</b>	<b>29,649</b>	<b>10,004</b>	<b>39,653</b>	<b>40,867</b>	<b>9,843</b>	<b>50,710</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,896	570	3,466	3,366	1,411	4,777	9,105	1,473	10,578
7. Grain elevators .....	1,101	742	1,843	1,515	888	2,403	1,952	771	2,723
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,244	862	3,106	3,384	678	4,062	3,256	711	3,967
9. Office buildings .....	13,252	2,084	15,336	12,289	2,759	15,048	10,677	2,539	13,216
10. Stores, retail and wholesale .....	5,884	2,445	8,329	5,845	2,478	8,323	9,640	2,530	12,170
11. Garages and service stations .....	1,410	653	2,063	689	1,441	2,130	3,504	1,367	4,871
12. Theatres, arenas, amusement and recreational buildings .....	1,623	271	1,894	2,555	308	2,863	2,729	436	3,165
13. Laundries and dry cleaning establishments .....	1	56	57	6	41	47	4	16	20
<b>Institutional .....</b>	<b>30,123</b>	<b>6,714</b>	<b>36,837</b>	<b>29,061</b>	<b>3,816</b>	<b>32,877</b>	<b>45,636</b>	<b>3,745</b>	<b>49,381</b>
14. Schools and other educational buildings .....	19,447	4,817	24,264	15,854	2,196	18,050	19,278	1,799	21,077
15. Churches and other religious buildings .....	1,694	583	2,277	1,197	90	1,287	970	141	1,111
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,857	1,079	7,936	7,481	1,270	8,751	20,920	1,638	22,558
17. Other institutional buildings .....	2,125	235	2,360	4,529	260	4,789	4,468	167	4,635
<b>Other building construction .....</b>	<b>13,258</b>	<b>5,276</b>	<b>18,534</b>	<b>13,835</b>	<b>5,508</b>	<b>19,343</b>	<b>15,837</b>	<b>5,807</b>	<b>21,644</b>
18. Farm buildings (excluding dwellings) .....	10,344	3,269	13,613	10,947	3,379	14,326	11,142	3,422	14,564
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,434	274	1,708	605	313	918	1,362	333	1,695
20. Aeroplane hangars .....	195	525	720	243	584	827	277	612	889
21. Passenger terminals, bus, boat or air .....	512	26	538	753	—	753	832	—	832
22. Armouries, barracks, drill halls, etc. ....	148	901	1,049	218	1,004	1,222	240	1,044	1,284
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	420	152	572	129	96	225	291	115	406
24. Other building construction .....	205	129	334	940	132	1,072	1,693	281	1,974
<b>Total engineering construction .....</b>	<b>149,865</b>	<b>37,777</b>	<b>187,642</b>	<b>163,002</b>	<b>38,510</b>	<b>201,512</b>	<b>153,330</b>	<b>39,833</b>	<b>193,163</b>
<b>Marine construction .....</b>	<b>706</b>	<b>447</b>	<b>1,153</b>	<b>927</b>	<b>568</b>	<b>1,495</b>	<b>813</b>	<b>649</b>	<b>1,462</b>
25. Docks, wharves, piers, breakwaters .....	377	207	584	664	281	945	542	338	880
26. Retaining walls, embankments, riprapping .....	15	2	17	3	4	7	24	5	29
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	304	238	542	1	283	284	2	306	308
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	16	—	16	—	—	—
31. Other marine construction .....	10	—	10	243	—	243	245	—	245

See footnotes at end of table.



TABLE 24. Manitoba<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>39,360</b>	<b>7,888</b>	<b>47,248</b>	<b>47,383</b>	<b>7,321</b>	<b>54,704</b>	<b>47,832</b>	<b>7,680</b>	<b>55,512</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	21,898	5,153	27,051	26,687	3,749	30,436	23,848	4,073	27,921
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	5,563	1,211	6,774	6,902	1,273	8,175	8,082	1,531	9,613
34. Dirt, clay or other streets, roads, parking lots, etc. ....	258	118	376	219	592	811	225	95	320
35. Grading, scraping, oiling, filling .....	9,728	1,106	10,834	11,020	1,200	12,220	12,977	1,469	14,446
36. Sidewalks, paths .....	659	173	832	705	367	1,072	663	365	1,028
37. Aerodromes, landing fields, runways, tarmac .....	1,254	127	1,381	1,850	140	1,990	2,037	147	2,184
<b>Waterworks and sewage systems .....</b>	<b>25,444</b>	<b>2,550</b>	<b>27,994</b>	<b>25,641</b>	<b>3,236</b>	<b>28,877</b>	<b>21,691</b>	<b>3,003</b>	<b>24,694</b>
38. Tile drains, drainage ditches, storm sewers .....	1,374	434	1,808	2,518	1,109	3,627	3,856	836	4,692
39. Water mains, hydrants and services .....	3,367	1,531	4,898	4,891	1,538	6,429	3,408	1,559	4,967
40. Sewage systems and connections .....	19,875	455	20,330	17,875	468	18,343	10,591	465	11,056
41. Pumping stations, water .....	353	78	431	131	65	196	3,488	80	3,568
42. Water storage tanks .....	475	52	527	226	56	282	348	63	411
<b>Dams and irrigation .....</b>	<b>2,470</b>	<b>481</b>	<b>2,951</b>	<b>3,484</b>	<b>538</b>	<b>4,022</b>	<b>3,279</b>	<b>534</b>	<b>3,813</b>
43. Dams and reservoirs .....	1,242	80	1,322	2,215	123	2,338	1,973	114	2,087
44. Irrigation and land reclamation projects .....	1,228	401	1,629	1,269	415	1,684	1,306	420	1,726
<b>Electric power construction .....</b>	<b>29,896</b>	<b>1,831</b>	<b>31,727</b>	<b>21,490</b>	<b>1,980</b>	<b>23,470</b>	<b>20,012</b>	<b>1,958</b>	<b>21,970</b>
45. Electric power generating plants, including water conveying and controlling structures .....	10,814	433	11,247	5,794	277	6,071	588	266	854
46. Electric transformer stations .....	1,734	69	1,803	1,273	59	1,332	1,064	74	1,138
47. Power transmission and distribution lines, trolley wires .....	15,919	817	16,736	12,440	1,127	13,567	16,676	1,046	17,722
48. Street lighting .....	1,429	512	1,941	1,983	517	2,500	1,684	572	2,256
<b>Railway, telephone and telegraph .....</b>	<b>19,534</b>	<b>16,597</b>	<b>36,131</b>	<b>17,325</b>	<b>16,238</b>	<b>33,563</b>	<b>15,087</b>	<b>17,066</b>	<b>32,153</b>
49. Railway tracks and roadbed .....	10,545	11,512	22,057	8,530	10,621	19,151	5,472	11,108	16,580
50. Signals and interlockers .....	1,297	773	2,070	888	955	1,843	529	996	1,525
51. Telegraph and telephone lines, underground and marine cables	7,692	4,312	12,004	7,907	4,662	12,569	9,086	4,962	14,048
<b>Gas and oil facilities .....</b>	<b>7,706</b>	<b>1,402</b>	<b>9,108</b>	<b>7,347</b>	<b>932</b>	<b>8,279</b>	<b>5,772</b>	<b>964</b>	<b>6,736</b>
52. Gas mains and services .....	4,022	555	4,577	4,885	20	4,905	4,057	20	4,077
53. Pumping stations, oil .....	1,108	281	1,389	779	288	1,067	270	272	542
54. Pumping stations, gas .....	236	41	277	32	31	63	112	31	143
55. Oil storage tanks .....	494	104	598	436	183	619	317	202	519
56. Gas storage tanks .....	76	—	76	359	—	359	195	—	195
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	1,770	421	2,191	856	410	1,266	821	439	1,260
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>24,749</b>	<b>6,581</b>	<b>31,330</b>	<b>39,405</b>	<b>7,697</b>	<b>47,102</b>	<b>38,844</b>	<b>7,979</b>	<b>46,823</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,591	1,864	6,455	5,882	2,179	8,061	8,299	2,251	10,550
64. Tunnels and subways .....	28	—	28	—	—	—	—	—	—
65. Incinerators .....	—	4	4	—	4	4	—	5	5
66. Park systems, landscaping, sodding, etc. ....	305	235	540	175	609	784	174	254	428
67. Swimming pools, tennis courts, outdoor recreation facilities ....	444	37	481	97	53	150	61	54	115
68. Mine shafts and other below surface workings .....	6,024	686	6,710	8,031	1,000	9,031	9,667	983	10,650
69. Fences, snowsheds, signs, guard rails .....	1,868	839	2,707	2,877	798	3,675	3,088	825	3,913
70. Other engineering construction .....	11,489	2,916	14,405	22,343	3,054	25,397	17,555	3,607	21,162

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".



TABLE 25. Saskatchewan <sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>381,247</b>	<b>95,653</b>	<b>476,900</b>	<b>479,026</b>	<b>95,355</b>	<b>574,381</b>	<b>522,888</b>	<b>98,898</b>	<b>621,786</b>
<b>Total building construction .....</b>	<b>192,161</b>	<b>47,057</b>	<b>239,218</b>	<b>228,942</b>	<b>49,433</b>	<b>278,375</b>	<b>254,526</b>	<b>51,349</b>	<b>305,875</b>
<b>Residential .....</b>	<b>88,400</b>	<b>24,800</b>	<b>113,200</b>	<b>105,700</b>	<b>26,600</b>	<b>132,300</b>	<b>109,500</b>	<b>28,200</b>	<b>137,700</b>
<b>Industrial .....</b>	<b>16,417</b>	<b>3,279</b>	<b>19,696</b>	<b>22,989</b>	<b>3,229</b>	<b>26,218</b>	<b>25,355</b>	<b>3,149</b>	<b>28,504</b>
2. Factories, plants, workshops, food canneries .....	5,384	1,355	6,739	5,820	1,145	6,965	5,106	1,091	6,197
3. Mine and mine mill buildings .....	9,502	280	9,782	16,202	362	16,564	19,241	270	19,511
4. Railway stations, offices, roadway buildings .....	1,113	1,211	2,324	633	1,144	1,777	644	1,188	1,832
5. Railway shops, engine houses, water and fuel stations .....	418	433	851	334	578	912	364	600	964
<b>Commercial .....</b>	<b>30,097</b>	<b>6,164</b>	<b>36,261</b>	<b>35,343</b>	<b>6,589</b>	<b>41,932</b>	<b>48,448</b>	<b>6,490</b>	<b>54,938</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,587	375	1,962	2,923	366	3,289	5,663	403	6,066
7. Grain elevators .....	4,586	2,321	6,907	5,620	2,560	8,180	5,436	2,314	7,750
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,966	495	2,461	5,946	650	6,596	2,349	482	2,831
9. Office buildings .....	10,651	1,136	11,787	6,249	1,119	7,368	8,001	1,165	9,166
10. Stores, retail and wholesale .....	7,028	1,265	8,293	7,789	1,214	9,003	16,725	1,336	18,061
11. Garages and service stations .....	1,494	375	1,869	1,820	436	2,256	4,334	468	4,802
12. Theatres, arenas, amusement and recreational buildings .....	2,780	173	2,953	4,996	209	5,205	5,940	279	6,219
13. Laundries and dry cleaning establishments .....	5	24	29	—	35	35	—	43	43
<b>Institutional .....</b>	<b>35,778</b>	<b>4,358</b>	<b>40,136</b>	<b>42,025</b>	<b>4,025</b>	<b>46,050</b>	<b>47,892</b>	<b>4,387</b>	<b>52,279</b>
14. Schools and other educational buildings .....	24,491	3,064	27,555	32,883	2,632	35,515	32,860	2,793	35,653
15. Churches and other religious buildings .....	2,895	231	3,126	2,533	121	2,654	2,010	222	2,232
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4,499	898	5,397	2,651	1,059	3,710	9,611	1,083	10,694
17. Other institutional buildings .....	3,893	165	4,058	3,958	213	4,171	3,411	289	3,700
<b>Other building construction .....</b>	<b>21,469</b>	<b>8,456</b>	<b>29,925</b>	<b>22,885</b>	<b>8,990</b>	<b>31,875</b>	<b>23,331</b>	<b>9,123</b>	<b>32,454</b>
18. Farm buildings (excluding dwellings) .....	19,397	7,705	27,102	19,761	7,799	27,560	20,124	7,983	28,107
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,226	170	1,396	1,305	196	1,501	2,003	203	2,206
20. Aeroplane hangars .....	56	82	138	79	80	159	64	75	139
21. Passenger terminals, bus, boat or air .....	179	2	181	253	15	268	204	15	219
22. Armouries, barracks, drill halls, etc. ....	165	329	494	233	320	553	188	300	488
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	200	57	257	119	57	176	108	59	167
24. Other building construction .....	246	111	357	1,135	523	1,658	640	488	1,128
<b>Total engineering construction .....</b>	<b>189,086</b>	<b>48,596</b>	<b>237,682</b>	<b>250,084</b>	<b>45,922</b>	<b>296,006</b>	<b>268,362</b>	<b>47,549</b>	<b>315,911</b>
<b>Marine construction .....</b>	<b>280</b>	<b>70</b>	<b>350</b>	<b>350</b>	<b>86</b>	<b>436</b>	<b>391</b>	<b>89</b>	<b>480</b>
25. Docks, wharves, piers, breakwaters .....	245	63	308	343	81	424	385	84	469
26. Retaining walls, embankments, riprapping .....	4	1	5	6	1	7	5	1	6
27. Canals and waterways .....	—	2	2	—	2	2	—	2	2
28. Dredging and pile driving .....	30	—	30	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	1	4	5	1	2	3	1	2	3

See footnotes at end of table.

TABLE 25. Saskatchewan<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>32,397</b>	<b>12,864</b>	<b>45,261</b>	<b>51,809</b>	<b>11,056</b>	<b>62,865</b>	<b>50,538</b>	<b>11,558</b>	<b>62,096</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	24,583	10,102	34,685	38,384	8,174	46,558	36,677	8,626	45,303
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	4,891	2,474	7,365	10,456	2,526	12,982	11,190	2,295	13,485
34. Dirt, clay or other streets, roads, parking lots, etc. ....	209	92	301	628	153	781	709	362	1,071
35. Grading, scraping, oiling, filling .....	36	8	44	432	6	438	81	8	89
36. Sidewalks, paths .....	2,568	169	2,737	1,712	179	1,891	1,675	219	1,894
37. Aerodromes, landing fields, runways, tarmac .....	110	19	129	197	18	215	206	48	254
<b>Waterworks and sewage systems</b> .....	<b>11,298</b>	<b>3,691</b>	<b>14,989</b>	<b>17,015</b>	<b>3,653</b>	<b>20,668</b>	<b>11,119</b>	<b>3,869</b>	<b>14,988</b>
38. Tile drains, drainage ditches, storm sewers .....	2,060	842	2,902	2,848	856	3,704	2,413	869	3,282
39. Water mains, hydrants and services .....	4,027	1,813	5,840	5,583	1,942	7,525	3,863	2,037	5,900
40. Sewage systems and connections .....	4,343	675	5,018	7,498	699	8,197	4,363	785	5,148
41. Pumping stations, water .....	574	235	809	490	36	526	133	30	163
42. Water storage tanks .....	294	126	420	596	120	716	347	148	495
<b>Dams and irrigation</b> .....	<b>24,410</b>	<b>2,318</b>	<b>26,728</b>	<b>34,911</b>	<b>2,270</b>	<b>37,181</b>	<b>29,912</b>	<b>2,214</b>	<b>32,126</b>
43. Dams and reservoirs .....	21,979	1,225	23,204	30,992	1,170	32,162	24,972	1,100	26,072
44. Irrigation and land reclamation projects .....	2,431	1,093	3,524	3,919	1,100	5,019	4,940	1,114	6,054
<b>Electric power construction</b> .....	<b>22,392</b>	<b>2,590</b>	<b>24,982</b>	<b>17,371</b>	<b>1,678</b>	<b>19,049</b>	<b>24,405</b>	<b>1,955</b>	<b>26,360</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,204	636	3,840	1,793	239	2,032	6,940	512	7,452
46. Electric transformer stations .....	3,833	22	3,855	1,662	27	1,689	4,185	55	4,240
47. Power transmission and distribution lines, trolley wires .....	14,466	1,672	16,138	12,881	1,269	14,150	11,954	1,225	13,179
48. Street lighting .....	889	260	1,149	1,035	143	1,178	1,326	163	1,489
<b>Railway, telephone and telegraph</b> .....	<b>15,397</b>	<b>13,169</b>	<b>28,566</b>	<b>12,937</b>	<b>12,033</b>	<b>24,970</b>	<b>11,997</b>	<b>12,483</b>	<b>24,480</b>
49. Railway tracks and roadbed .....	9,414	10,647	20,061	6,007	9,187	15,194	5,869	9,546	15,415
50. Signals and interlockers .....	566	612	1,178	516	822	1,338	581	854	1,435
51. Telegraph and telephone lines, underground and marine cables .....	5,417	1,910	7,327	6,414	2,024	8,438	5,547	2,083	7,630
<b>Gas and oil facilities</b> .....	<b>35,832</b>	<b>8,619</b>	<b>44,451</b>	<b>56,858</b>	<b>9,657</b>	<b>66,515</b>	<b>49,775</b>	<b>8,350</b>	<b>58,125</b>
52. Gas mains and services .....	2,626	100	2,726	3,213	161	3,374	3,238	161	3,399
53. Pumping stations, oil .....	446	369	815	3,639	321	3,960	193	314	507
54. Pumping stations, gas .....	347	47	394	61	59	120	369	57	426
55. Oil storage tanks .....	640	208	848	433	201	634	215	245	460
56. Gas storage tanks .....	800	23	823	—	—	—	4	—	4
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	29,671	6,263	35,934	44,805	6,524	51,329	39,889	4,939	44,828
60. Gas wells .....	545	8	553	4,094	383	4,477	4,848	537	5,385
61. Oil refinery - Processing units <sup>4</sup> .....	294	1,535	1,829	508	1,948	2,456	969	2,038	3,007
62. Natural gas cleaning plants .....	463	66	529	105	60	165	50	59	109
<b>Other engineering construction</b> .....	<b>47,080</b>	<b>5,275</b>	<b>52,355</b>	<b>58,833</b>	<b>5,489</b>	<b>64,322</b>	<b>90,225</b>	<b>7,031</b>	<b>97,256</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,264	793	4,057	7,017	895	7,912	10,424	984	11,408
64. Tunnels and subways .....	2	1	3	351	—	351	196	—	196
65. Incinerators .....	2	—	2	3	—	3	2	—	2
66. Park systems, landscaping, sodding, etc. ....	234	71	305	711	469	1,180	1,536	507	2,043
67. Swimming pools, tennis courts, outdoor recreation facilities ....	27	20	47	816	752	1,568	1,955	968	2,923
68. Mine shafts and other below surface workings .....	10,629	1,281	11,910	22,664	292	22,956	50,726	1,236	51,962
69. Fences, snowsheds, signs, guard rails .....	3,281	1,442	4,723	3,967	1,455	5,422	3,406	1,432	4,838
70. Other engineering construction .....	29,641	1,667	31,308	23,304	1,626	24,930	21,980	1,904	23,884

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering transportation".

<sup>4</sup> Items 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



TABLE 26. Alberta<sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>753,183</b>	<b>166,688</b>	<b>919,871</b>	<b>879,539</b>	<b>164,101</b>	<b>1,043,640</b>	<b>1,001,497</b>	<b>175,441</b>	<b>1,176,938</b>
<b>Total building construction .....</b>	<b>357,313</b>	<b>85,587</b>	<b>442,900</b>	<b>381,961</b>	<b>94,064</b>	<b>476,025</b>	<b>440,957</b>	<b>101,647</b>	<b>542,604</b>
<b>Residential .....</b>	<b>166,900</b>	<b>47,300</b>	<b>214,200</b>	<b>164,500</b>	<b>50,800</b>	<b>215,300</b>	<b>170,400</b>	<b>53,800</b>	<b>224,200</b>
<b>Industrial .....</b>	<b>15,399</b>	<b>6,242</b>	<b>21,641</b>	<b>15,057</b>	<b>6,329</b>	<b>21,386</b>	<b>9,971</b>	<b>6,596</b>	<b>16,567</b>
2. Factories, plants workshops, food canneries .....	14,015	4,524	18,539	13,517	4,388	17,905	7,896	4,545	12,441
3. Mine and mine mill buildings .....	44	35	79	22	22	44	948	66	1,014
4. Railway stations, offices, roadway buildings .....	884	1,213	2,097	980	1,288	2,268	789	1,332	2,121
5. Railway shops, engine houses, water and fuel stations .....	456	470	926	538	631	1,169	338	653	991
<b>Commercial .....</b>	<b>61,116</b>	<b>14,480</b>	<b>75,596</b>	<b>65,732</b>	<b>18,140</b>	<b>83,872</b>	<b>72,753</b>	<b>19,974</b>	<b>92,727</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,431	1,123	3,554	8,811	954	9,765	8,822	1,843	10,665
7. Grain elevators .....	1,807	1,223	3,030	1,992	1,372	3,364	2,208	1,234	3,442
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ....	10,455	1,640	12,095	4,540	1,388	5,928	4,936	1,925	6,861
9. Office buildings .....	20,401	5,970	26,371	28,673	10,731	39,404	31,579	10,956	42,535
10. Stores, retail and wholesale .....	18,469	2,796	21,265	15,715	2,424	18,139	14,382	2,509	16,891
11. Garages and service stations .....	2,737	880	3,617	1,404	911	2,315	4,295	1,101	5,396
12. Theatres, arenas, amusement and recreational buildings .....	4,633	779	5,412	4,539	299	4,838	6,514	340	6,854
13. Laundries and dry cleaning establishments .....	183	69	252	58	61	119	17	66	83
<b>Institutional .....</b>	<b>77,164</b>	<b>7,884</b>	<b>85,048</b>	<b>93,092</b>	<b>8,705</b>	<b>101,797</b>	<b>146,115</b>	<b>10,822</b>	<b>156,937</b>
14. Schools and other educational buildings .....	46,460	4,244	50,704	56,770	4,499	61,269	112,393	5,615	118,008
15. Churches and other religious buildings .....	1,871	245	2,116	1,778	268	2,046	2,539	283	2,822
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	22,806	2,390	25,196	17,831	857	18,688	16,412	948	17,360
17. Other institutional buildings .....	6,027	1,005	7,032	16,713	3,081	19,794	14,771	3,976	18,747
<b>Other building construction .....</b>	<b>36,734</b>	<b>9,681</b>	<b>46,415</b>	<b>43,580</b>	<b>10,090</b>	<b>53,670</b>	<b>41,718</b>	<b>10,455</b>	<b>52,173</b>
18. Farm buildings (excluding dwellings) .....	28,171	7,497	35,668	28,281	7,475	35,756	28,864	7,621	36,485
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	5,873	459	6,332	4,096	406	4,502	3,630	510	4,140
20. Aeroplane hangars .....	21	229	250	28	235	263	35	249	284
21. Passenger terminals, bus, boat or air .....	156	33	189	202	30	232	310	47	357
22. Armouries, barracks, drill halls, etc. ....	425	1,003	1,428	562	832	1,394	700	893	1,593
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	925	200	1,125	868	216	1,084	1,740	225	1,965
24. Other building construction .....	1,163	260	1,423	9,543	896	10,439	6,439	910	7,349
<b>Total engineering construction .....</b>	<b>395,870</b>	<b>81,101</b>	<b>476,971</b>	<b>497,578</b>	<b>70,037</b>	<b>567,615</b>	<b>560,540</b>	<b>73,794</b>	<b>634,334</b>
<b>Marine construction .....</b>	<b>366</b>	<b>412</b>	<b>778</b>	<b>594</b>	<b>357</b>	<b>951</b>	<b>2,337</b>	<b>377</b>	<b>2,714</b>
25. Docks, wharves, piers, breakwaters .....	63	107	170	192	105	297	1,834	107	1,941
26. Retaining walls, embankments, riprapping .....	1	2	3	1	—	1	4	—	4
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	264	264	—	219	219	—	235	235
29. Dyke construction .....	—	8	8	6	7	13	7	7	14
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	302	21	323	395	26	421	492	28	520

See footnotes at end of table.



TABLE 26. Alberta<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>59,022</b>	<b>27,981</b>	<b>87,003</b>	<b>65,782</b>	<b>13,172</b>	<b>78,954</b>	<b>69,917</b>	<b>15,289</b>	<b>85,206</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	38,269	19,589	57,858	40,819	9,592	50,411	44,033	11,400	55,433
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	7,854	7,223	15,077	11,272	2,194	13,466	12,225	2,441	14,666
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,598	669	2,267	1,462	408	1,870	1,610	348	1,958
35. Grading, scraping, oiling, filling .....	8,482	49	8,531	9,586	569	10,155	9,239	600	9,839
36. Sidewalks, paths .....	2,128	247	2,375	1,814	237	2,051	1,743	316	2,059
37. Aerodromes, landing fields, runways, tarmac .....	691	204	895	829	172	1,001	1,067	184	1,251
<b>Waterworks and sewage systems .....</b>	<b>21,185</b>	<b>5,150</b>	<b>26,335</b>	<b>23,577</b>	<b>4,560</b>	<b>28,137</b>	<b>22,884</b>	<b>5,009</b>	<b>27,893</b>
38. Tile drains, drainage ditches, storm sewers .....	3,058	827	3,885	3,006	820	3,826	3,062	836	3,898
39. Water mains, hydrants and services .....	6,923	2,775	9,698	8,363	2,821	11,184	9,643	3,213	12,856
40. Sewage systems and connections .....	9,627	1,282	10,909	9,176	673	9,849	9,363	755	10,118
41. Pumping stations, water .....	1,149	145	1,294	2,605	120	2,725	277	77	354
42. Water storage tanks .....	428	121	549	427	126	553	539	128	667
<b>Dams and irrigation .....</b>	<b>5,966</b>	<b>1,827</b>	<b>7,793</b>	<b>7,064</b>	<b>1,667</b>	<b>8,731</b>	<b>8,052</b>	<b>1,739</b>	<b>9,791</b>
43. Dams and reservoirs .....	1,973	326	2,299	2,223	268	2,491	3,313	288	3,601
44. Irrigation and land reclamation projects .....	3,993	1,501	5,494	4,841	1,399	6,240	4,739	1,451	6,190
<b>Electric power construction .....</b>	<b>17,748</b>	<b>3,598</b>	<b>21,346</b>	<b>18,400</b>	<b>3,861</b>	<b>22,261</b>	<b>15,738</b>	<b>4,178</b>	<b>19,916</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,889	534	6,423	5,968	512	6,480	2,376	416	2,792
46. Electric transformer stations .....	1,271	338	1,609	1,459	417	1,876	2,018	432	2,450
47. Power transmission and distribution lines, trolley wires .....	8,288	2,129	10,417	8,669	2,206	10,875	8,697	2,533	11,230
48. Street lighting .....	2,300	597	2,897	2,304	726	3,030	2,647	797	3,444
<b>Railway, telephone and telegraph .....</b>	<b>26,580</b>	<b>14,469</b>	<b>41,049</b>	<b>25,921</b>	<b>14,726</b>	<b>40,647</b>	<b>39,038</b>	<b>14,620</b>	<b>53,658</b>
49. Railway tracks and roadbed .....	17,112	11,066	28,178	14,691	10,515	25,206	19,737	10,837	30,574
50. Signals and interlockers .....	1,067	626	1,693	872	840	1,712	544	871	1,415
51. Telegraph and telephone lines, underground and marine cables .....	8,401	2,777	11,178	10,358	3,371	13,729	18,757	2,912	21,669
<b>Gas and oil facilities .....</b>	<b>234,093</b>	<b>20,183</b>	<b>254,276</b>	<b>289,710</b>	<b>24,354</b>	<b>314,064</b>	<b>293,413</b>	<b>21,156</b>	<b>314,569</b>
52. Gas mains and services .....	3,413	878	4,291	3,238	1,058	4,296	3,620	1,706	5,326
53. Pumping stations, oil .....	2,142	786	2,928	1,309	442	1,751	1,380	505	1,885
54. Pumping stations, gas .....	199	43	242	283	26	309	3,949	25	3,974
55. Oil storage tanks .....	7,744	353	8,097	548	366	914	568	283	851
56. Gas storage tanks .....	77	—	77	—	—	—	—	—	—
57. Oil pipe lines .....	15,701	974	16,675	17,926	646	18,572	25,147	645	25,792
58. Gas pipe lines .....	26,692	418	27,110	25,424	252	25,676	6,727	248	6,975
59. Oil wells .....	123,329	8,736	132,065	189,385	12,037	201,422	155,880	9,906	165,786
60. Gas wells .....	23,177	759	23,936	31,816	2,079	33,895	61,666	3,358	65,024
61. Oil refinery—Processing units <sup>3</sup> .....	3,025	2,985	6,010	2,071	3,147	5,218	—	—	—
62. Natural gas cleaning plants .....	28,594	4,251	32,845	17,710	4,301	22,011	34,476	4,480	38,956
<b>Other engineering construction .....</b>	<b>30,910</b>	<b>7,481</b>	<b>38,391</b>	<b>66,530</b>	<b>7,340</b>	<b>73,870</b>	<b>109,161</b>	<b>11,426</b>	<b>120,587</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,490	4,845	12,335	8,403	4,827	13,230	17,758	5,145	22,903
64. Tunnels and subways .....	—	—	—	184	—	184	—	—	—
65. Incinerators .....	12	—	12	16	—	16	35	—	35
66. Park systems, landscaping, sodding, etc. ....	1,007	513	1,520	1,370	486	1,856	1,677	515	2,192
67. Swimming pools, tennis courts, outdoor recreation facilities ....	181	57	238	256	47	303	327	51	378
68. Mine shafts and other below surface workings .....	194	24	218	302	12	314	60	12	72
69. Fences, snowsheds, signs, guard rails .....	4,650	1,484	6,134	4,583	1,387	5,970	4,668	1,417	6,085
70. Other engineering construction .....	17,376	558	17,934	51,416	581	51,997	84,636	4,286	88,922

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals. Data for 1966 for this group are included in "Other engineering construction".

TABLE 27. British Columbia <sup>1,2</sup>

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>800,086</b>	<b>188,003</b>	<b>988,089</b>	<b>1,037,498</b>	<b>187,138</b>	<b>1,224,636</b>	<b>1,186,848</b>	<b>207,049</b>	<b>1,393,897</b>
<b>Total building construction .....</b>	<b>441,470</b>	<b>113,199</b>	<b>554,669</b>	<b>576,505</b>	<b>117,911</b>	<b>694,416</b>	<b>649,768</b>	<b>123,513</b>	<b>773,281</b>
<b>Residential .....</b>	<b>238,500</b>	<b>68,100</b>	<b>306,600</b>	<b>276,400</b>	<b>73,100</b>	<b>349,500</b>	<b>286,200</b>	<b>77,400</b>	<b>363,600</b>
<b>Industrial .....</b>	<b>61,441</b>	<b>12,495</b>	<b>73,936</b>	<b>96,289</b>	<b>15,946</b>	<b>112,235</b>	<b>86,311</b>	<b>15,585</b>	<b>101,896</b>
2. Factories, plants, workshops, food canneries .....	48,975	10,360	59,335	80,127	13,551	93,678	70,652	13,086	83,738
3. Mine and mine mill buildings .....	10,898	248	11,146	13,760	389	14,149	13,349	410	13,759
4. Railway stations, offices, roadway buildings .....	1,158	1,403	2,561	1,806	1,331	3,137	1,327	1,387	2,714
5. Railway shops, engine houses, water and fuel stations .....	410	484	894	596	675	1,271	983	702	1,685
<b>Commercial .....</b>	<b>66,144</b>	<b>15,226</b>	<b>81,370</b>	<b>88,424</b>	<b>14,952</b>	<b>103,376</b>	<b>114,029</b>	<b>15,827</b>	<b>129,856</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	8,110	1,328	9,438	10,940	1,566	12,506	14,635	1,647	16,282
7. Grain elevators .....	45	271	316	142	487	629	7,392	541	7,933
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,697	2,058	8,755	13,568	1,564	15,132	15,760	1,295	17,055
9. Office buildings .....	24,820	2,738	27,558	28,034	4,383	32,417	33,689	5,000	38,689
10. Stores, retail and wholesale .....	15,964	2,826	18,790	18,547	3,250	21,797	22,341	3,177	25,518
11. Garages and service stations .....	4,568	836	5,404	4,107	749	4,856	5,632	792	6,424
12. Theatres, arenas, amusement and recreational buildings .....	5,465	4,997	10,462	12,940	2,869	15,809	14,515	3,303	17,818
13. Laundries and dry cleaning establishments .....	475	172	647	146	84	230	65	72	137
<b>Institutional .....</b>	<b>57,257</b>	<b>8,261</b>	<b>65,518</b>	<b>91,220</b>	<b>8,243</b>	<b>99,463</b>	<b>138,974</b>	<b>8,818</b>	<b>147,792</b>
14. Schools and other educational buildings .....	34,135	3,476	37,611	62,434	4,281	66,715	95,574	4,678	100,252
15. Churches and other religious buildings .....	2,849	314	3,163	3,180	228	3,408	3,857	155	4,012
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,535	2,149	13,684	13,805	2,632	16,437	26,980	2,822	29,802
17. Other institutional buildings .....	8,738	2,322	11,060	11,801	1,102	12,903	12,563	1,163	13,726
<b>Other building construction .....</b>	<b>18,128</b>	<b>9,117</b>	<b>27,245</b>	<b>24,172</b>	<b>5,670</b>	<b>29,842</b>	<b>24,254</b>	<b>5,883</b>	<b>30,137</b>
18. Farm buildings (excluding dwellings) .....	6,133	1,626	7,759	6,108	1,604	7,712	5,998	1,575	7,573
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,595	471	4,066	3,524	518	4,042	3,884	569	4,453
20. Aeroplane hangars .....	19	252	271	29	195	224	34	220	254
21. Passenger terminals, bus, boat or air .....	900	23	923	1,077	6	1,083	1,356	7	1,363
22. Armouries, barracks, drill halls, etc. ....	1,357	1,032	2,389	1,633	715	2,348	2,056	800	2,856
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,566	1,982	6,548	5,825	2,049	7,874	5,383	2,089	7,472
24. Other building construction .....	1,558	3,731	5,289	5,976	583	6,559	5,543	623	6,166
<b>Total engineering construction .....</b>	<b>358,616</b>	<b>74,804</b>	<b>433,420</b>	<b>460,993</b>	<b>69,227</b>	<b>530,220</b>	<b>537,080</b>	<b>83,536</b>	<b>620,616</b>
<b>Marine construction .....</b>	<b>9,777</b>	<b>3,722</b>	<b>13,499</b>	<b>12,220</b>	<b>5,146</b>	<b>17,366</b>	<b>13,692</b>	<b>3,470</b>	<b>17,162</b>
25. Docks, wharves, piers, breakwaters .....	7,795	1,984	9,779	10,316	3,623	13,939	11,946	1,850	13,796
26. Retaining walls, embankments, riprapping .....	184	25	209	112	20	132	37	12	49
27. Canals and waterways .....	44	70	114	176	71	247	175	47	222
28. Dredging and pile driving .....	835	1,001	1,836	555	833	1,388	247	972	1,219
29. Dyke construction .....	1	4	5	5	9	14	-	14	14
30. Logging booms .....	443	478	921	343	461	804	481	426	907
31. Other marine construction .....	475	160	635	713	129	842	806	149	955

See footnotes at end of table.



TABLE 27. British Columbia<sup>1,2</sup> - Concluded

Type of structure	1964			1965			1966		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>104,867</b>	<b>25,026</b>	<b>129,893</b>	<b>108,297</b>	<b>23,004</b>	<b>131,301</b>	<b>127,866</b>	<b>35,431</b>	<b>163,297</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	30,086	6,002	36,088	26,245	3,573	29,818	32,479	3,889	36,368
33. Gravel or stone streets, highways, roads, parking lots, etc.	15,019	4,078	19,097	19,427	3,400	22,827	19,731	3,589	23,320
34. Dirt, clay or other streets, roads, parking lots, etc.	49,973	14,271	64,244	53,014	15,599	68,613	64,911	27,554	92,465
35. Grading, scraping, oiling, filling .....	2,828	75	2,903	2,351	217	2,568	2,359	199	2,558
36. Sidewalks, paths .....	2,057	532	2,589	1,373	196	1,569	967	173	1,140
37. Aerodromes, landing fields, runways, tarmac .....	4,904	68	4,972	5,887	19	5,906	7,419	27	7,446
<b>Waterworks and sewage systems</b> .....	<b>32,529</b>	<b>6,616</b>	<b>39,145</b>	<b>40,159</b>	<b>4,292</b>	<b>44,451</b>	<b>31,726</b>	<b>4,460</b>	<b>36,186</b>
38. Tile drains, drainage ditches, storm sewers .....	1,027	219	1,246	927	223	1,150	1,387	202	1,589
39. Water mains, hydrants and services .....	10,102	2,561	12,663	13,786	2,620	16,406	12,312	2,851	15,163
40. Sewage systems and connections .....	18,961	3,595	22,556	22,659	1,089	23,748	16,739	1,141	17,880
41. Pumping stations, water .....	2,084	140	2,224	2,240	177	2,417	926	203	1,129
42. Water storage tanks .....	355	101	456	547	183	730	362	63	425
<b>Dams and irrigation</b> .....	<b>38,248</b>	<b>340</b>	<b>38,588</b>	<b>99,801</b>	<b>295</b>	<b>100,096</b>	<b>94,302</b>	<b>378</b>	<b>94,680</b>
43. Dams and reservoirs .....	37,308	96	37,404	98,920	95	99,015	93,482	178	93,660
44. Irrigation and land reclamation projects .....	940	244	1,184	881	200	1,081	820	200	1,020
<b>Electric power construction</b> .....	<b>39,919</b>	<b>6,685</b>	<b>46,604</b>	<b>81,963</b>	<b>5,887</b>	<b>87,850</b>	<b>114,516</b>	<b>6,501</b>	<b>121,017</b>
45. Electric power generating plants, including water conveying and controlling structures .....	7,020	1,947	8,967	20,571	2,171	22,742	42,084	2,461	44,545
46. Electric transformer stations .....	940	43	983	969	168	1,137	407	201	608
47. Power transmissions and distribution lines, trolley wires .....	30,332	3,412	33,744	59,279	3,368	62,647	71,091	3,651	74,742
48. Street lighting .....	1,627	1,283	2,910	1,144	180	1,324	934	188	1,122
<b>Railway, telephone and telegraph</b> .....	<b>37,311</b>	<b>16,465</b>	<b>53,776</b>	<b>38,065</b>	<b>16,904</b>	<b>54,969</b>	<b>35,996</b>	<b>17,556</b>	<b>53,552</b>
49. Railway tracks and roadbed .....	25,985	11,612	37,597	22,836	12,296	35,132	20,075	12,706	32,781
50. Signals and interlockers .....	556	678	1,234	940	927	1,867	897	961	1,858
51. Telegraph and telephone lines, underground and marine cables .....	10,770	4,175	14,945	14,289	3,681	17,970	15,024	3,889	18,913
<b>Gas and oil facilities</b> .....	<b>40,217</b>	<b>5,368</b>	<b>45,585</b>	<b>43,723</b>	<b>4,902</b>	<b>48,625</b>	<b>75,628</b>	<b>5,000</b>	<b>80,628</b>
52. Gas mains and services .....	5,765	366	6,131	5,221	368	5,589	4,582	386	4,968
53. Pumping stations, oil .....	66	186	252	218	110	328	140	212	352
54. Pumping stations, gas .....	858	11	869	27	30	57	2,708	27	2,735
55. Oil storage tanks .....	1,371	471	1,842	1,074	432	1,506	1,578	381	1,959
56. Gas storage tanks .....	49	1	50	334	23	357	3,054	34	3,088
57. Oil pipe lines .....	1,536	420	1,956	404	303	707	643	292	935
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	14,880	1,185	16,065	30,823	1,251	32,074	44,455	1,100	45,555
60. Gas wells .....	5,313	239	5,552	4,240	122	4,362	7,254	136	7,390
61. Oil refinery — Processing units <sup>4</sup> .....	1,548	2,364	3,912	606	2,236	2,842	8,384	2,390	10,774
62. Natural gas cleaning plants .....	8,831	125	8,956	776	27	803	2,830	42	2,872
<b>Other engineering construction</b> .....	<b>55,748</b>	<b>10,582</b>	<b>66,330</b>	<b>36,765</b>	<b>8,797</b>	<b>45,562</b>	<b>43,354</b>	<b>10,740</b>	<b>54,094</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	12,050	7,908	19,958	14,349	6,566	20,915	21,483	8,573	30,056
64. Tunnels and subways .....	140	—	140	681	—	681	1,000	—	1,000
65. Incinerators .....	32	—	32	19	—	19	2	2	4
66. Park systems, landscaping, sodding, etc. ....	405	351	756	802	713	1,515	872	815	1,687
67. Swimming pools, tennis courts, outdoor recreation facilities....	235	19	254	925	13	938	399	15	414
68. Mine shafts and other below surface workings .....	2,938	30	2,968	6,305	284	6,589	9,680	62	9,742
69. Fences, snowsheds, signs, guard rails .....	1,407	1,065	2,472	1,482	508	1,990	1,207	530	1,737
70. Other engineering construction .....	38,541	1,209	39,750	12,202	713	12,915	8,711	743	9,454

<sup>1</sup> Actual 1964, preliminary 1965, intentions 1966.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering".<sup>4</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



## STATISTICAL NOTES

### 1. Definitions

The purpose of this report is to provide statistics on all new and repair construction undertaken in Canada. By definition, therefore, the figures indicating the value of construction work performed include work done by the labour forces of industrial concerns, institutions, governments and individuals, in addition to that done by general, trade and sub-contractors. The figures shown for the value of construction include all costs incurred, directly and indirectly, by the firm paying for the erection of a new structure. For instance, if all of the work put in place is done by a contractor, other cost items such as legal, architectural and engineering fees are included together with payments made to the contractor. Payments received by a contractor generally cover salaries and wages paid, cost of materials used and miscellaneous costs, such as insur-

ance, fuel, office expenses and taxes plus net profit, if any. In terms of cost, the essential difference between work done by contract and that done by the labour force of the firm paying for the work would be the net profit realized by the contractor.

New construction is comprised of all new work put in place, additions and major renovations, conversions and alterations where either a structural change takes place or the life of the structure is extended.

Repair construction includes minor renovations and alterations. As far as possible, snow removal, flushing and sanding of streets and general day-to-day maintenance such as char services are excluded.

### 2. Sources and Methods

The following is a general description of the various sources of information and methods used to derive the statistics presented in this report. It is hoped that with this information, users of these statistics will be better able to appraise their usefulness in various employments.

#### Total Value of Construction by Type of Structure

The statistics presented in this report are based largely on information received from firms and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys: (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises, (b) the construction survey of government departments which provided much of the remainder. In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees. Briefly, these are the sources used to obtain the total value of construction work by type of structure and the value of work done by construction contractors.

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1966".

The value of work figures in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1962 of all the firms in each industry by the corresponding 1962 total for the firms reporting in the 1966 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1962 and 1966 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the utilities, trade, finance and institutional and commercial services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1965 preliminary actual figures and the 1966 intentions estimates were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1965 to 1966 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1964 and 1965, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1966 were made by field representatives of the Central Mortgage and Housing Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 5,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 5,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1965.

#### **Labour and Material Content**

The estimates of labour and material content are derived from the application of ratios of these items to total value of work performed. The 1964 survey of construction contractors provided the basic data for deriving the ratios applied to break

down the total value of work done by contractors in the years 1964 to 1966. The ratios used to break down own account work were computed from information obtained in the capital expenditures and government departments surveys, wherein the respondent was requested to provide data on the costs involved in such work.

Indirect methods were also used in estimating the number of persons, working full-time, required to construct the facilities estimated to be erected in each of the years. In the 1951 to 1953 surveys, respondents were requested to report the average number of employees engaged in construction each month. In the 1954 survey they were asked to report the total number on the payroll during the last pay period of the month. From this point on, however, the same procedure was followed. The monthly data were summed and divided by 12 to compute the annual averages. To allow for non-response and non-coverage, this annual average number of employees of the reporting firms was "blown-up" by the relationship of estimated total salaries and wages of reporting firms. For working owners and partners reported in the contractors survey, salaries were imputed from data reported for salaried employees of construction firms and included in the labour content of the total value of work performed. The resulting figures therefore represent an estimate of the number of persons working full time throughout the year. The total number working at any given time may, of course, be above or below the average. In arriving at the average number for 1965 and 1966 an average annual earnings figure was computed from 1964, projected forward, and divided into the estimated total salaries and wages, including an allowance for working owners and partners, for these years.



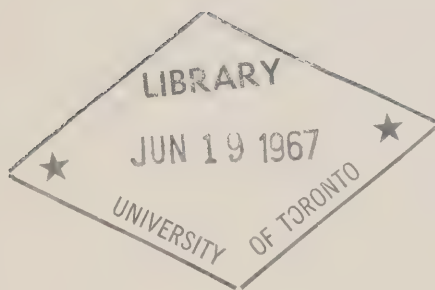




Canada. Statistics, Bureau of

# CONSTRUCTION IN CANADA

(1965-67)



DOMINION BUREAU OF STATISTICS



CATALOGUE No.

64-201

ANNUAL

Construction in Canada

1965-67

ERRATUM

Page 15 - Table 10

Total value of construction New 1965 ..... 239,493

should read ..... 867,274

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Business Finance Division

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# CONSTRUCTION IN CANADA

1965 - 67

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## INTRODUCTION

This report contains data on the total value of construction put in place during 1965 and 1966 and provides estimates of the intended program for 1967. The information presented for 1966 is preliminary whereas that shown for 1965 and earlier years is final.

The estimates are based mainly on data collected earlier by the DBS for the publication "Private and Public Investment in Canada, Outlook 1967". The report "Private and Public Investment

in Canada" provides data by industry and by area, while the present report "Construction in Canada" shows estimates for about 70 different types of structures. The total construction programme is also cross-classified by type of structure, industry, province, new and repair work, own account and contract work, constant and current dollars, etc. Also included are statistics on cost of materials used and on the labour content of the value of construction put in place.

## DEFINITIONS

Construction activity is defined for purposes of this report as the creation of fixed capital in the form of buildings, bridges, highways, port facilities, hydro-electric installations and other such structures; also included are outlays for additions, alterations and repairs to these structures.

Construction activity includes both "own account construction" and "contract" construction. "Own account" is that portion of the construction activity performed by an establishment primarily engaged in some business other than construction for its own account and performed by its own employees, as well as individuals engaging in new construction and repairs for their own use.

New Construction comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended.

Repair construction consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

The data for the value of construction put in place includes all costs incurred directly or indirectly by the organization or individual paying for the erection of a new structure.

## GENERAL REVIEW

Spending on construction-type goods in 1967 is expected to rise to about \$11.5 billion from about \$11.2 billion in 1966 or by 2.3 per cent. The 1967 percentage increase over the previous year compares with increases of 13.5 per cent and 14.3 per cent realized in 1966 and 1965 respectively. With the exception of Newfoundland and Quebec, all provinces are expected to record increases in construction expenditures in 1967.

The intended 1967 spending on new construction at \$9.5 billion will probably be 1.2 per cent higher than in 1966; while, the repair portion, amounting to just over \$2 billion, will show an increase of about 8 per cent. The proportion of the complete programme to be performed under contract will remain comparable to last year's proportion (79.5 p.c.). Of the total value of construction put in place during 1967 the engineering portion is estimated to account for 41.4 per cent of the total activity and will probably show an increase of 4.1 per cent over the

previous year. The strength in the engineering group of structures is primarily due to projects classified under marine engineering, dams and irrigation. Building construction will probably rise by 1.1 per cent with increases mainly in institutional type buildings such as schools, other educational buildings, hospitals, sanatoria, clinics, etc.

The analysis of the total value of work to be put in place in 1967 by the various industries reveals significant variations over 1966. The Institutions show the largest percentage increase of 15.5 per cent or \$169 million, while the Utilities with a percentage increase of 11.2 per cent should provide the largest numerical increase (\$228 million). The sharpest percentage decrease amounting to 29.7 per cent or \$78 million will occur in Commercial Services followed by a 17.6 per cent decline (\$164 million) in Manufacturing. The completion of projects related to Expo '67 account for a substantial part of the decrease in Commercial Services.



**TABLE A. Total Value of Construction Work Performed - Percentage Variation in Year to Year and in Terms of Constant and Current Dollars, 1958-67<sup>1,2</sup>**

Year	Current dollars		Constant 1957 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1958 .....	7,092	1.0	7,095	1.0
1959 .....	7,077	- 0.2	6,847	- 3.5
1960 .....	6,886	- 2.7	6,521	- 4.8
1961 .....	6,974	1.3	6,659	2.1
1962 .....	7,296	4.6	6,794	2.0
1963 .....	7,716	5.8	6,930	2.0
1964 .....	8,634	11.9	7,441	7.4
1965 .....	9,868	14.3	8,040	8.0
1966 .....	11,199	13.5	8,591	6.9
1967 .....	11,462	2.3	-	-

<sup>1</sup> For the Dominion Bureau of Statistics report "Private and Public Investment in Canada" the total value of construction work performed amounted to \$9,870 millions in 1965 and \$11,199 millions in 1966 and \$11,460 millions in 1967. The small differences are due to rounding procedures.

<sup>2</sup> Actual expenditures 1965, preliminary actual 1966, intentions 1967.

**TABLE 1. Total Value of Construction Work Performed - Current and Constant Dollars by New and Repair, 1958-67<sup>1</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars						per cent	
1958 .....	5,831	5,865	1,261	1,230	7,092	7,095	21.6	22.0
1959 .....	5,710	5,557	1,367	1,290	7,077	6,847	20.3	20.5
1960 .....	5,454	5,224	1,432	1,301	6,886	6,525	19.0	19.1
1961 .....	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962 .....	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.2
1963 .....	6,157	5,613	1,559	1,317	7,716	6,930	17.8	17.6
1964 .....	7,004	6,119	1,630	1,322	8,634	7,441	18.2	17.8
1965 .....	8,114	6,694	1,754	1,346	9,868	8,040	19.0	18.0
1966 .....	9,346	7,263	1,853	1,328	11,199	8,591	-	-
1967 .....	9,457	-	2,005	-	11,462	-	-	-

<sup>1</sup> Actual 1958-65, preliminary 1966, intentions 1967.

**TABLE 2. Total Value of Construction Work Performed - Contractors and Others by New and Repair, 1963-67<sup>1,2</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1963 .....	5,213	821	6,034	944	738	1,682	6,157	1,559	7,716
1964 .....	5,937	896	6,833	1,067	734	1,801	7,004	1,630	8,634
1965 .....	6,904	966	7,870	1,210	788	1,998	8,114	1,754	9,868
1966 .....	7,889	1,014	8,903	1,457	839	2,296	9,346	1,853	11,199
1967 .....	7,958	1,085	9,043	1,499	920	2,419	9,457	2,005	11,462

<sup>1</sup> Actual 1963-65, preliminary 1966, intentions 1967.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

**TABLE 3. Total Value of Construction Work Performed - Principal Type of Construction, 1963-67<sup>1,2</sup>**

Type of construction	1963		1964		1965		1966		1967	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Total construction .....</b>	<b>7,716</b>	<b>100.0</b>	<b>8,634</b>	<b>100.0</b>	<b>9,868</b>	<b>100.0</b>	<b>11,199</b>	<b>100.0</b>	<b>11,462</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup> .....</b>	<b>4,692</b>	<b>60.8</b>	<b>5,179</b>	<b>60.0</b>	<b>5,906</b>	<b>59.9</b>	<b>6,643</b>	<b>59.3</b>	<b>6,719</b>	<b>58.6</b>
Residential .....	2,257	29.2	2,604	30.2	2,752	27.9	2,843	25.4	2,871	25.0
Industrial .....	535	6.9	666	7.7	776	7.9	978	8.7	815	7.1
Commercial .....	737	9.6	846	9.8	1,015	10.3	1,241	11.1	1,235	10.8
Institutional .....	857	11.1	766	8.9	1,019	10.3	1,208	10.8	1,412	12.3
Other building .....	306	4.0	297	3.4	344	3.5	373	3.3	386	3.4
<b>Total engineering .....</b>	<b>3,024</b>	<b>39.2</b>	<b>3,455</b>	<b>40.0</b>	<b>3,962</b>	<b>40.1</b>	<b>4,556</b>	<b>40.7</b>	<b>4,743</b>	<b>41.4</b>
Marine .....	61	0.8	68	0.8	107	1.1	122	1.1	153	1.3
Road highway and aerodrome construction .....	846	10.9	965	11.1	1,067	10.7	1,199	10.7	1,162	10.1
Waterworks and sewage systems .....	266	3.4	285	3.3	361	3.7	409	3.7	409	3.6
Dams and irrigation .....	85	1.1	170	2.0	292	3.0	225	2.0	269	2.3
Electric power construction .....	493	6.4	541	6.3	576	5.8	825	7.4	901	7.9
Railway, telephone and telegraph construction .....	406	5.3	411	4.8	406	4.1	457	4.1	523	4.6
Gas and oil facilities .....	500	6.5	547	6.3	633	6.4	655	5.8	695	6.1
Other engineering construction .....	367	4.8	468	5.4	520	5.3	664	5.9	631	5.5

<sup>1</sup> Actual 1963-65, preliminary 1966, intentions 1967.

<sup>2</sup> Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966 and 1967 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 18 to 27. The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.

**TABLE 4. Total Value of Construction Work Performed - Principal Type of Construction by Industry, 1965 - 67<sup>1,2</sup>**

Industry	1965			1966			1967		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals .....</b>	<b>5,905,641</b>	<b>3,962,278</b>	<b>9,867,919</b>	<b>6,643,155</b>	<b>4 555,764</b>	<b>11,198,919</b>	<b>6,718,423</b>	<b>4,743,337</b>	<b>11,461,760</b>
Agriculture and fishing <sup>2</sup> .....	189,490	103,164	292,654	199,716	108,361	308,077	209,600	114,040	323,640
Forestry .....	9,449	50,615	60,064	8,930	50,086	59,016	9,173	48,113	57,286
Mining, quarrying and oil wells .....	96,664	552,980	649,644	173,539	618,465	792,004	147,826	613,637	761,463
Construction .....	20,540	1,062	21,602	20,012	988	21,000	19,960	1,040	21,000
Manufacturing .....	644,553	110,947	755,500	781,840	149,594	931,434	629,048	138,133	767,181
Utilities .....	130,929	1,612,767	1,743,696	188,004	1,842,421	2,030,425	235,203	2,023,200	2,258,403
Trade - Wholesale and retail .....	190,675	8,119	198,794	232,243	9,222	241,465	257,104	15,368	272,472
Finance, insurance and real estate .....	384,738	6,202	390,940	421,208	8,465	429,673	407,127	3,681	410,808
Commercial services .....	173,955	29,667	203,622	208,867	52,655	261,522	164,506	19,364	183,870
Housing .....	2,751,500	-	2,751,500	2,842,600	-	2,842,600	2,870,900	-	2,870,900
Institutional services .....	921,094	10,487	931,581	1,074,133	16,287	1,090,420	1,249,046	10,636	1,259,682
Government departments .....	392,054	1,476,268	1,868,322	492,063	1,699,220	2,191,283	518,930	1,756,125	2,275,055

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

**TABLE 5. Total Value of Construction Work Performed - Dollar and Percentage Variation by Principal Type of Construction by Industry, 1965 - 67<sup>1,2</sup>**

Industry	Variation 1965 to 1966						Variation 1966 to 1967					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>737</b>	<b>12.5</b>	<b>593</b>	<b>15.0</b>	<b>1,330</b>	<b>13.5</b>	<b>75</b>	<b>1.1</b>	<b>188</b>	<b>4.1</b>	<b>263</b>	<b>2.3</b>
Agriculture and fishing <sup>2</sup> .....	10	5.4	5	5.0	15	5.3	10	4.9	6	5.2	16	5.1
Forestry .....	- 1	- 5.5	- 1	- 1.0	- 2	- 1.7	-	2.7	- 2	- 3.9	- 2	- 2.9
Mining, quarrying and oil wells .....	77	79.5	65	11.8	142	21.9	- 26	- 14.8	- 5	- .8	- 31	- 3.9
Construction .....	- 1	- 2.6	-	- 7.0	- 1	- 2.8	-	.3	-	5.3	-	0
Manufacturing .....	137	21.3	39	34.8	176	23.3	- 153	- 19.5	- 11	- 7.7	- 164	- 17.6
Utilities .....	58	43.6	230	14.2	288	16.4	47	25.1	181	9.8	228	11.2
Trade - Wholesale and retail .....	42	21.8	1	13.6	43	21.5	25	10.7	6	66.6	31	12.8
Finance, insurance and real estate .....	36	9.5	2	36.5	38	9.9	- 14	- 3.3	- 5	- 56.5	- 19	- 4.4
Commercial services .....	35	20.1	23	77.5	58	28.4	- 44	- 21.2	- 33	- 63.2	- 77	- 29.7
Housing .....	91	3.3	-	-	91	3.3	28	1.0	-	-	28	1.0
Institutional services .....	153	16.6	6	55.3	159	17.1	175	16.3	- 6	- 34.7	169	15.5
Government departments .....	100	25.5	223	15.1	323	17.3	27	5.5	57	3.3	84	3.8

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.



TABLE 6. Total Value of Construction Work Performed—Type of Structure, 1963-67<sup>1,2,3</sup>

Type of structure	1963	1964	1965	1966	1967
thousands of dollars					
<b>Total value of construction .....</b>	<b>7,716,011</b>	<b>8,634,189</b>	<b>9,867,919</b>	<b>11,198,919</b>	<b>11,461,760</b>
<b>Total building construction .....</b>	<b>4,692,308</b>	<b>5,179,407</b>	<b>5,905,641</b>	<b>6,643,155</b>	<b>6,718,423</b>
<b>Residential .....</b>	<b>2,257,400</b>	<b>2,604,500</b>	<b>2,751,500</b>	<b>2,842,600</b>	<b>2,870,900</b>
<b>Industrial .....</b>	<b>535,610</b>	<b>666,412</b>	<b>775,456</b>	<b>978,455</b>	<b>815,314</b>
2. Factories, plants, workshops, food canneries .....	409,822	522,927	679,909	801,226	645,141
3. Mine and mine mill buildings .....	86,636	104,496	63,944	136,710	126,785
4. Railway stations, offices, roadway buildings .....	26,890	24,802	20,435	26,383	27,529
5. Railway shops, engine houses, water and fuel stations .....	12,262	14,187	11,168	14,136	15,859
<b>Commercial .....</b>	<b>736,922</b>	<b>845,966</b>	<b>1,015,114</b>	<b>1,241,223</b>	<b>1,234,748</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	70,653	70,009	80,469	113,815	120,558
7. Grain elevators .....	21,200	17,167	18,052	26,545	55,929
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	67,031	72,697	97,415	115,336	90,813
9. Office buildings .....	296,283	369,627	408,965	465,895	458,668
10. Stores, retail and wholesale .....	171,686	205,948	252,188	287,100	253,009
11. Garages and service stations .....	45,953	45,147	56,501	60,280	109,451
12. Theatres, arenas, amusement and recreational buildings .....	61,107	61,837	98,306	169,961	144,148
13. Laundries and dry cleaning establishments .....	3,009	3,534	3,218	2,291	2,172
<b>Institutional .....</b>	<b>856,631</b>	<b>765,808</b>	<b>1,019,315</b>	<b>1,207,947</b>	<b>1,412,105</b>
14. Schools and other educational buildings .....	577,584	472,483	671,696	815,144	933,030
15. Churches and other religious buildings .....	53,973	50,888	58,511	42,831	40,606
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	180,746	179,017	184,569	211,304	282,857
17. Other institutional buildings .....	44,328	63,420	104,539	138,668	155,612
<b>Other building construction .....</b>	<b>305,745</b>	<b>296,721</b>	<b>344,256</b>	<b>372,930</b>	<b>385,356</b>
18. Farm buildings (excluding dwellings) .....	175,611	179,644	192,341	205,991	212,506
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	48,341	37,911	44,192	49,087	53,220
20. Aeroplane hangars .....	5,624	4,192	3,755	5,065	7,713
21. Passenger terminals, bus, boat or air .....	22,099	6,219	10,029	23,945	14,516
22. Armouries, barracks, drill halls, etc. ....	17,529	20,163	21,425	23,064	25,425
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	13,506	18,195	15,277	19,876	18,845
24. Other building construction .....	23,035	30,397	57,237	45,902	53,131
<b>Total engineering construction .....</b>	<b>3,023,703</b>	<b>3,454,782</b>	<b>3,962,278</b>	<b>4,555,764</b>	<b>4,743,337</b>
<b>Marine construction .....</b>	<b>60,569</b>	<b>67,552</b>	<b>107,349</b>	<b>121,571</b>	<b>153,030</b>
25. Docks, wharves, piers, breakwaters .....	37,517	46,309	55,575	69,838	80,904
26. Retaining walls, embankments, riprapping .....	6,154	6,515	6,904	5,619	6,474
27. Canals and waterways .....	3,064	4,405	24,873	20,739	36,919
28. Dredging and pile driving .....	7,706	5,614	11,959	16,100	19,051
29. Dyke construction .....	2,069	532	518	513	665
30. Logging booms .....	718	1,297	1,772	1,201	975
31. Other marine construction .....	3,341	2,880	5,748	7,561	8,042

See footnotes at end of table.

TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1963-67<sup>1,2,3</sup> - Concluded

Type of structure	1963	1964	1965	1966	1967
thousands of dollars					
<b>Road, highway and aerodrome construction</b> .....	<b>846,080</b>	<b>964,612</b>	<b>1,067,021</b>	<b>1,199,696</b>	<b>1,161,817</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	493,080	616,229	678,324	875,490	814,058
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	236,438	181,799	264,039	163,749	180,252
34. Dirt, clay or other streets, roads, parking lots, etc. ....	35,210	92,332	46,646	65,559	65,134
35. Grading, scraping, oiling, filling .....	35,553	34,664	32,735	49,294	49,881
36. Sidewalks, paths .....	26,181	22,364	27,454	24,159	25,342
37. Aerodromes, landing fields, runways, tarmac .....	19,618	17,224	17,823	21,445	27,150
<b>Waterworks and sewage systems</b> .....	<b>266,330</b>	<b>285,114</b>	<b>361,294</b>	<b>409,037</b>	<b>409,348</b>
38. Tile drains, drainage ditches, storm sewers.....	25,224	24,226	31,218	42,174	44,309
39. Water mains, hydrants and services .....	91,111	100,454	131,427	131,544	125,103
40. Sewage systems and connections .....	132,340	143,180	163,266	194,065	197,815
41. Pumping stations, water.....	10,450	13,138	26,560	33,131	34,480
42. Water storage tanks.....	7,205	4,116	8,823	8,123	7,641
<b>Dams and irrigation</b> .....	<b>84,993</b>	<b>169,883</b>	<b>291,608</b>	<b>224,762</b>	<b>269,160</b>
43. Dams and reservoirs .....	60,680	146,183	266,814	172,825	199,783
44. Irrigation and land reclamation projects .....	24,313	23,700	24,794	51,937	69,377
<b>Electric power construction</b> .....	<b>492,511</b>	<b>541,021</b>	<b>576,289</b>	<b>824,595</b>	<b>901,177</b>
45. Electric power generating plants, including water conveying and controlling structures .....	220,776	170,467	190,404	400,847	428,274
46. Electric transformer stations.....	42,206	69,541	52,815	56,767	57,562
47. Power transmission and distribution lines, trolley wires .....	207,765	275,731	308,719	340,757	388,167
48. Street lighting .....	21,764	25,282	24,351	26,224	27,174
<b>Railway, telephone and telegraph</b> .....	<b>406,165</b>	<b>411,326</b>	<b>405,638</b>	<b>456,579</b>	<b>522,666</b>
49. Railway tracks and roadbed.....	231,139	228,794	202,891	231,264	282,597
50. Signals and interlockers.....	18,080	17,991	16,021	20,179	23,066
51. Telegraph and telephone lines, underground and marine cables .....	156,946	164,541	186,726	205,136	217,003
<b>Gas and oil facilities</b> .....	<b>499,962</b>	<b>546,755</b>	<b>633,471</b>	<b>655,183</b>	<b>694,840</b>
52. Gas mains and services .....	69,429	53,303	50,945	67,227	59,499
53. Pumping stations, oil.....	4,153	5,917	3,444	14,013	9,835
54. Pumping stations, gas .....	30,831	30,211	4,382	7,921	11,281
55. Oil storage tanks.....	16,237	19,349	10,077	12,577	14,412
56. Gas storage tanks .....	1,413	1,260	1,418	4,227	3,515
57. Oil pipe lines.....	25,362	27,251	42,056	62,449	44,515
58. Gas pipe lines .....	53,705	96,846	51,249	39,373	62,101
59. Oil wells.....	162,407	187,190	290,334	264,446	259,996
60. Gas wells.....	26,781	31,168	70,363	74,596	91,404
61. Oil refinery - Processing units <sup>1</sup> .....	65,805	51,930	64,853	80,789	81,863
62. Natural gas cleaning plants.....	43,839	42,330	44,350	27,565	56,419
<b>Other engineering construction</b> .....	<b>367,093</b>	<b>468,519</b>	<b>519,608</b>	<b>664,341</b>	<b>631,299</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	202,342	211,757	215,693	227,142	235,807
64. Tunnels and subways .....	31,853	73,512	61,107	54,356	40,911
65. Incinerators .....	393	154	273	241	504
66. Park systems, landscaping, sodding, etc.....	15,664	9,917	11,707	21,938	21,895
67. Swimming pools, tennis courts, outdoor recreation facilities.....	4,877	2,598	3,877	10,813	13,595
68. Mine shafts and other below surface workings .....	36,830	45,521	58,707	115,716	127,661
69. Fences, snowsheds, signs, guard rails .....	38,561	40,634	43,827	45,886	50,433
70. Other engineering construction .....	36,573	84,426	124,417	188,249	140,493

<sup>1</sup> Actual 1963-65, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used by Province, 1963 - 67<sup>1,2</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
Canada:				
1963.....	523,909	2,560,877	3,736,494	7,716,011
1964.....	547,377	2,812,089	4,241,373	8,634,189
1965.....	593,093	3,275,806	4,764,920	9,867,919
1966.....	613,801	3,729,784	5,391,792	11,198,919
1967.....	601,228	3,829,424	5,501,153	11,461,760
Newfoundland:				
1963.....	12,318	56,189	86,780	185,215
1964.....	12,542	55,963	76,674	182,079
1965.....	13,382	58,824	79,199	186,305
1966.....	17,292	83,052	113,485	258,420
1967.....	15,908	80,023	108,981	249,158
Prince Edward Island:				
1963.....	3,418	11,812	17,872	38,326
1964.....	2,537	9,355	15,671	33,538
1965.....	2,825	11,142	18,258	39,160
1966.....	2,698	11,751	19,344	42,136
1967.....	3,115	14,326	23,786	52,149
Nova Scotia:				
1963.....	18,027	70,387	104,013	213,108
1964.....	18,232	71,940	103,364	215,779
1965.....	21,244	88,375	120,328	256,356
1966.....	22,619	102,855	138,126	297,089
1967.....	24,911	119,367	158,942	342,781
New Brunswick:				
1963.....	14,153	51,909	80,906	158,523
1964.....	17,224	67,207	104,490	205,723
1965.....	19,131	80,833	128,450	255,314
1966.....	19,591	91,177	142,948	282,806
1967.....	19,668	96,049	150,680	299,063
Quebec:				
1963.....	136,121	638,013	1,006,379	1,963,920
1964.....	150,163	755,602	1,219,915	2,365,945
1965.....	158,996	853,898	1,311,746	2,616,761
1966.....	151,074	891,779	1,370,481	2,738,338
1967.....	137,033	846,212	1,295,368	2,588,229
Ontario:				
1963.....	174,273	897,700	1,262,568	2,620,182
1964.....	177,111	957,607	1,391,038	2,825,132
1965.....	189,239	1,102,276	1,554,190	3,171,774
1966.....	203,168	1,307,326	1,837,764	3,753,936
1967.....	200,078	1,349,348	1,889,851	3,864,570
Manitoba:				
1963.....	28,511	136,672	187,082	402,922
1964.....	30,579	142,465	202,272	421,133
1965.....	29,820	142,431	194,399	415,113
1966.....	32,181	170,247	231,421	497,554
1967.....	34,959	195,370	259,795	563,251

See footnote at end of table.



**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used by Province, 1963-67<sup>1,2</sup> - Concluded**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
		thousands of dollars		
Saskatchewan:				
1963 .....	30,997	144,766	213,237	444,621
1964 .....	30,210	146,402	236,652	476,900
1965 .....	34,880	182,669	258,827	564,983
1966 .....	37,850	216,196	301,182	662,693
1967 .....	38,307	230,822	320,438	701,664
Alberta:				
1963 .....	53,730	270,534	391,461	861,795
1964 .....	53,463	282,535	418,845	919,871
1965 .....	58,591	333,813	509,543	1,093,666
1966 .....	61,872	387,241	579,600	1,249,700
1967 .....	61,112	399,719	598,210	1,289,903
British Columbia: <sup>2</sup>				
1963 .....	52,361	282,895	386,196	827,399
1964 .....	55,316	323,013	472,452	988,089
1965 .....	64,985	421,545	589,980	1,268,487
1966 .....	65,456	468,160	657,441	1,416,247
1967 .....	66,137	498,188	695,102	1,510,992

<sup>1</sup> Actual 1963-65, preliminary 1966, intentions 1967.

<sup>2</sup> British Columbia includes Northwest Territories and Yukon.

**TABLE 8. Total Value of Work Performed-Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1963-67<sup>1,2</sup>**

Year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Total:				
1963.....	523,909	2,560,877	3,736,494	7,716,011
1964.....	547,377	2,812,089	4,241,373	8,634,189
1965.....	593,093	3,275,806	4,764,920	9,867,919
1966.....	613,801	3,729,784	5,391,792	11,198,919
1967.....	601,228	3,829,424	5,501,153	11,461,760
Contractors:				
1963.....	377,040	1,876,434	2,967,999	6,033,670
1964.....	397,275	2,074,701	3,441,360	6,833,265
1965.....	427,667	2,411,549	3,882,517	7,869,858
1966.....	438,899	2,728,828	4,387,059	8,902,473
1967.....	424,922	2,774,063	4,450,458	9,042,556
Utilities:				
1963.....	63,363	325,283	433,769	805,581
1964.....	72,042	387,462	446,678	911,663
1965.....	68,629	396,922	431,615	907,581
1966.....	72,098	456,377	490,624	1,036,757
1967.....	74,919	493,461	524,881	1,114,610
Governments:				
1963.....	51,691	214,290	153,309	506,306
1964.....	47,897	206,617	167,552	504,945
1965.....	62,721	290,735	216,517	634,533
1966.....	67,177	340,168	252,637	745,101
1967.....	68,053	361,923	268,382	797,800
Miscellaneous:				
1963.....	31,815	144,870	181,417	370,454
1964.....	30,163	143,309	185,283	384,316
1965.....	34,076	176,600	234,271	455,947
1966.....	35,627	204,411	261,472	514,588
1967.....	33,334	199,977	257,432	506,794

<sup>1</sup> Actual 1963-65, preliminary 1966, intentions 1967.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

**TABLE 9. Total Value of Construction Work Performed—Type of Structure and by New and Repair—Canada, 1965-67<sup>1,2,3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>8, 113, 851</b>	<b>1, 754, 068</b>	<b>9, 867, 919</b>	<b>9, 345, 805</b>	<b>1, 853, 114</b>	<b>11, 198, 919</b>	<b>9, 456, 819</b>	<b>2, 004, 941</b>	<b>11, 461, 760</b>
<b>Total building construction .....</b>	<b>4, 829, 872</b>	<b>1, 075, 769</b>	<b>5, 905, 641</b>	<b>5, 499, 153</b>	<b>1, 144, 002</b>	<b>6, 643, 155</b>	<b>5, 504, 141</b>	<b>1, 214, 282</b>	<b>6, 718, 423</b>
<b>Residential .....</b>	<b>2, 133, 300</b>	<b>618, 200</b>	<b>2, 751, 500</b>	<b>2, 181, 400</b>	<b>661, 200</b>	<b>2, 842, 600</b>	<b>2, 170, 000</b>	<b>700, 900</b>	<b>2, 870, 900</b>
<b>Industrial .....</b>	<b>625, 068</b>	<b>150, 388</b>	<b>775, 456</b>	<b>825, 588</b>	<b>152, 867</b>	<b>978, 455</b>	<b>646, 580</b>	<b>168, 734</b>	<b>815, 314</b>
2. Factories, plants, workshops, food canneries .....	559, 886	120, 023	679, 909	681, 919	119, 307	801, 226	517, 888	127, 253	645, 141
3. Mine and mine mill buildings .....	52, 199	11, 745	63, 944	121, 602	15, 108	136, 710	110, 465	16, 320	126, 785
4. Railway stations, offices, roadway buildings .....	8, 105	12, 330	20, 435	14, 208	12, 175	26, 383	10, 982	16, 547	27, 529
5. Railway shops, engine houses, water and fuel stations .....	4, 878	6, 290	11, 168	7, 859	6, 277	14, 136	7, 245	8, 614	15, 859
<b>Commercial .....</b>	<b>875, 717</b>	<b>139, 397</b>	<b>1, 015, 114</b>	<b>1, 094, 482</b>	<b>146, 741</b>	<b>1, 241, 223</b>	<b>1, 083, 275</b>	<b>151, 473</b>	<b>1, 234, 748</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	67, 016	13, 453	80, 469	98, 625	15, 190	113, 815	104, 336	16, 222	120, 558
7. Grain elevators .....	9, 980	8, 072	18, 052	21, 160	5, 385	26, 545	48, 073	7, 856	55, 929
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	82, 038	15, 377	97, 415	98, 511	16, 825	115, 336	75, 728	15, 085	90, 813
9. Office buildings .....	361, 913	47, 052	408, 965	411, 281	54, 614	465, 895	404, 449	54, 219	458, 668
10. Stores, retail and wholesale .....	217, 634	34, 554	252, 188	254, 712	32, 388	287, 100	219, 050	33, 959	253, 009
11. Garages and service stations .....	43, 295	13, 206	56, 501	47, 777	12, 503	60, 280	96, 058	13, 393	109, 451
12. Theatres, arenas, amusement and recreational buildings .....	91, 871	6, 435	98, 306	161, 413	8, 548	169, 961	134, 605	9, 543	144, 148
13. Laundries and dry cleaning establishments .....	1, 970	1, 248	3, 218	1, 003	1, 288	2, 291	976	1, 196	2, 172
<b>Institutional .....</b>	<b>940, 946</b>	<b>78, 369</b>	<b>1, 019, 315</b>	<b>1, 116, 288</b>	<b>91, 659</b>	<b>1, 207, 947</b>	<b>1, 314, 848</b>	<b>97, 257</b>	<b>1, 412, 105</b>
14. Schools and other educational buildings .....	632, 092	39, 604	671, 696	769, 071	46, 073	815, 144	882, 590	50, 440	933, 030
15. Churches and other religious buildings .....	51, 196	7, 315	58, 511	36, 676	6, 155	42, 831	35, 474	5, 132	40, 606
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	162, 621	21, 948	184, 569	183, 659	27, 645	211, 304	254, 255	28, 602	282, 857
17. Other institutional buildings .....	95, 037	9, 502	104, 539	126, 882	11, 786	138, 668	142, 529	13, 083	155, 612
<b>Other building construction .....</b>	<b>254, 841</b>	<b>89, 415</b>	<b>344, 256</b>	<b>281, 395</b>	<b>91, 535</b>	<b>372, 930</b>	<b>289, 438</b>	<b>95, 918</b>	<b>385, 356</b>
18. Farm buildings (excluding dwellings) .....	137, 782	54, 559	192, 341	149, 206	56, 785	205, 991	153, 201	59, 305	212, 506
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	41, 102	3, 090	44, 192	45, 915	3, 172	49, 087	50, 041	3, 179	53, 220
20. Aeroplane hangars .....	518	3, 237	3, 755	1, 093	3, 972	5, 065	3, 568	4, 145	7, 713
21. Passenger terminals, bus, boat or air .....	9, 265	764	10, 029	22, 853	1, 092	23, 945	13, 485	1, 031	14, 516
22. Armouries, barracks, drill halls, etc. ....	6, 397	15, 028	21, 425	7, 546	15, 518	23, 064	8, 654	16, 771	25, 425
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	11, 379	3, 898	15, 277	16, 367	3, 509	19, 876	15, 529	3, 316	18, 845
24. Other building construction .....	48, 398	8, 839	57, 237	38, 415	7, 487	45, 902	44, 960	8, 171	53, 131
<b>Total engineering construction .....</b>	<b>3, 283, 979</b>	<b>678, 299</b>	<b>3, 962, 278</b>	<b>3, 846, 652</b>	<b>709, 112</b>	<b>4, 555, 764</b>	<b>3, 952, 678</b>	<b>790, 659</b>	<b>4, 743, 337</b>
<b>Marine construction .....</b>	<b>83, 666</b>	<b>23, 683</b>	<b>107, 349</b>	<b>95, 107</b>	<b>26, 464</b>	<b>121, 571</b>	<b>125, 199</b>	<b>27, 831</b>	<b>153, 030</b>
25. Docks, wharves, piers, breakwaters .....	45, 638	9, 937	55, 575	56, 673	13, 165	69, 838	66, 830	14, 074	80, 904
26. Retaining walls, embankments, riprapping .....	5, 751	1, 153	6, 904	5, 094	525	5, 619	5, 776	698	6, 474
27. Canals and waterways .....	19, 717	5, 156	24, 873	14, 955	5, 784	20, 739	31, 754	5, 165	36, 919
28. Dredging and pile driving .....	7, 836	4, 123	11, 959	11, 969	4, 131	16, 100	14, 186	4, 865	19, 051
29. Dyke construction .....	400	118	518	415	98	513	551	114	665
30. Logging booms .....	798	974	1, 772	609	592	1, 201	496	479	975
31. Other marine construction .....	3, 526	2, 222	5, 748	5, 392	2, 169	7, 561	5, 606	2, 436	8, 042

See footnotes at end of table.



**TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1965 - 1967<sup>1,2,3</sup> - Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>839,896</b>	<b>227,125</b>	<b>1,067,021</b>	<b>963,625</b>	<b>236,071</b>	<b>1,199,696</b>	<b>912,482</b>	<b>249,335</b>	<b>1,161,817</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	549,939	128,385	678,324	715,027	160,463	875,490	644,936	169,122	814,058
33. Gravel or stone streets, highways, roads, parking lots, etc.....	195,449	68,590	264,039	121,162	42,587	163,749	134,111	46,141	180,252
34. Dirt, clay or other streets, roads, parking lots, etc.	34,876	11,770	46,646	48,707	16,852	65,559	49,106	16,028	65,134
35. Grading, scraping, oiling, filling.....	24,507	8,228	32,735	41,509	7,785	49,294	41,280	8,601	49,881
36. Sidewalks, paths .....	20,102	7,352	27,454	18,697	5,462	24,159	19,070	6,272	25,342
37. Aerodromes, landing fields, runways, tarmac .....	15,023	2,800	17,823	18,523	2,922	21,445	23,979	3,171	27,150
<b>Waterworks and sewage systems .....</b>	<b>306,034</b>	<b>55,260</b>	<b>361,294</b>	<b>352,678</b>	<b>56,359</b>	<b>409,037</b>	<b>348,927</b>	<b>60,421</b>	<b>409,348</b>
38. Tile drains, drainage ditches, storm sewers.....	20,980	10,238	31,218	31,435	10,739	42,174	32,430	11,879	44,309
39. Water mains, hydrants and services .....	105,321	26,106	131,427	105,335	26,209	131,544	97,924	27,179	125,103
40. Sewage systems and connections .....	149,871	13,395	163,266	177,818	16,247	194,065	182,605	15,210	197,815
41. Pumping stations, water.....	24,341	2,219	26,560	30,977	2,154	33,131	29,394	5,086	34,480
42. Water storage tanks .....	5,521	3,302	8,823	7,113	1,010	8,123	6,574	1,067	7,641
<b>Dams and irrigation .....</b>	<b>281,507</b>	<b>10,101</b>	<b>291,608</b>	<b>213,980</b>	<b>10,782</b>	<b>224,762</b>	<b>257,288</b>	<b>11,872</b>	<b>269,160</b>
43. Dams and reservoirs .....	264,172	2,642	266,814	169,827	2,998	172,825	196,070	3,713	199,783
44. Irrigation and land reclamation projects .....	17,335	7,459	24,794	44,153	7,784	51,937	61,218	8,159	69,377
<b>Electric power construction .....</b>	<b>514,521</b>	<b>61,768</b>	<b>576,289</b>	<b>759,610</b>	<b>64,985</b>	<b>824,595</b>	<b>830,564</b>	<b>70,613</b>	<b>901,177</b>
45. Electric power generating plants, including water conveying and controlling structures .....	175,912	14,492	190,404	385,209	15,638	400,847	411,490	16,784	428,274
46. Electric transformer stations.....	47,098	5,717	52,815	51,298	5,469	56,767	51,823	5,739	57,562
47. Power transmission and distribution lines, trolley wires .....	274,751	33,968	308,719	302,755	38,002	340,757	346,415	41,752	388,167
48. Street lighting .....	16,760	7,591	24,351	20,348	5,876	26,224	20,836	6,338	27,174
<b>Railway, telephone and telegraph .....</b>	<b>246,825</b>	<b>158,813</b>	<b>405,638</b>	<b>289,475</b>	<b>167,104</b>	<b>456,579</b>	<b>312,398</b>	<b>210,268</b>	<b>522,666</b>
49. Railway tracks and roadbed.....	102,086	100,805	202,891	123,735	107,529	231,264	138,552	144,045	282,597
50. Signals and interlockers.....	6,688	9,333	16,021	10,685	9,494	20,179	10,503	12,563	23,066
51. Telegraph and telephone lines, underground and marine cables .....	138,051	48,675	186,726	155,055	50,081	205,136	163,343	53,660	217,003
<b>Gas and oil facilities .....</b>	<b>566,252</b>	<b>67,219</b>	<b>633,471</b>	<b>581,728</b>	<b>73,455</b>	<b>655,183</b>	<b>617,601</b>	<b>77,239</b>	<b>694,840</b>
52. Gas mains and services .....	45,411	5,534	50,945	61,889	5,338	67,227	54,154	5,345	59,499
53. Pumping stations, oil .....	2,237	1,207	3,444	12,200	1,813	14,013	7,913	1,922	9,835
54. Pumping stations, gas .....	3,650	732	4,382	7,595	326	7,921	11,155	126	11,281
55. Oil storage tanks.....	7,302	2,775	10,077	9,984	2,593	12,577	11,428	2,984	14,412
56. Gas storage tanks .....	1,338	80	1,418	4,076	151	4,227	3,364	151	3,515
57. Oil pipe lines.....	39,924	2,132	42,056	60,310	2,139	62,449	42,438	2,077	44,515
58. Gas pipe lines .....	50,125	1,124	51,249	38,223	1,150	39,373	61,144	957	62,101
59. Oil wells.....	275,715	14,619	290,334	245,300	19,146	264,446	240,104	19,892	259,996
60. Gas wells .....	66,649	3,714	70,363	69,614	4,982	74,596	85,259	6,145	91,404
61. Oil refinery - Processing units <sup>3</sup> .....	36,233	28,620	64,853	50,379	30,410	80,789	49,838	32,335	81,863
62. Natural gas cleaning plants.....	37,668	6,682	44,350	22,158	5,407	27,565	50,804	5,615	56,419
<b>Other engineering construction .....</b>	<b>445,278</b>	<b>74,330</b>	<b>519,608</b>	<b>590,449</b>	<b>73,892</b>	<b>664,341</b>	<b>548,219</b>	<b>83,080</b>	<b>631,299</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	186,888	28,805	215,693	198,402	28,740	227,142	201,882	33,925	235,807
64. Tunnels and subways .....	60,795	312	61,107	53,982	374	54,356	40,362	549	40,911
65. Incinerators .....	172	101	273	165	76	241	441	63	504
66. Park systems, landscaping, sodding, etc.....	8,215	3,492	11,707	16,554	5,384	21,938	15,529	6,366	21,895
67. Swimming pools, tennis courts, outdoor recreation facilities.....	2,713	1,164	3,877	9,563	1,250	10,813	12,155	1,440	13,595
68. Mine shafts and other below surface workings .....	54,162	4,545	58,707	112,191	3,525	115,716	123,793	3,868	127,661
69. Fences, snowsheds, signs, guard rails .....	25,684	18,143	43,827	28,818	17,068	45,886	31,478	18,955	50,433
70. Other engineering construction .....	106,649	17,768	124,417	170,774	17,475	188,249	122,579	17,914	140,493

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



**TABLE 10. Total Value of Construction Work Performed - New and Repair by Type of Structure by Primary Industries, 1965 - 67 <sup>1,2,3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>239,493</b>	<b>156,690</b>	<b>1,023,964</b>	<b>1,013,181</b>	<b>166,916</b>	<b>1,180,097</b>	<b>988,958</b>	<b>174,431</b>	<b>1,163,389</b>
<b>Total building construction .....</b>	<b>239,493</b>	<b>76,650</b>	<b>316,143</b>	<b>320,187</b>	<b>82,010</b>	<b>402,197</b>	<b>299,519</b>	<b>87,040</b>	<b>386,559</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>77,585</b>	<b>15,840</b>	<b>93,425</b>	<b>150,592</b>	<b>17,537</b>	<b>168,129</b>	<b>127,802</b>	<b>19,343</b>	<b>147,145</b>
2. Factories, plants, workshops, food canneries.....	25,367	4,129	29,496	29,622	2,428	32,050	17,742	3,006	20,748
3. Mine and mine mill buildings.....	51,704	11,694	63,398	120,953	15,108	136,061	109,995	16,320	126,315
4. Railway stations, offices, roadway buildings.....	74	17	91	10	1	11	-	17	17
5. Railway shops, engine houses, water and fuel stations.....	440	-	440	7	-	7	65	-	65
6. ....									
<b>Commercial .....</b>	<b>14,642</b>	<b>3,995</b>	<b>18,637</b>	<b>12,379</b>	<b>3,518</b>	<b>15,897</b>	<b>8,758</b>	<b>3,908</b>	<b>12,666</b>
6. Warehouses, storehouses, refrigerated storage, etc....	6,990	2,085	9,075	3,514	1,798	5,312	3,618	2,013	5,631
7. Grain elevators.....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	93	109	202	502	180	682	54	178	232
9. Office buildings.....	4,922	1,528	6,450	6,714	1,270	7,984	4,258	1,424	5,682
10. Stores, retail and wholesale.....	171	4	175	224	19	243	5	15	20
11. Garages and service stations.....	831	233	1,064	734	207	941	805	235	1,040
12. Theatres, arenas, amusement and recreational buildings.....	1,635	35	1,670	691	43	734	18	41	59
13. Laundries and dry cleaning establishments.....	-	1	1	-	1	1	-	2	2
<b>Institutional .....</b>	<b>1,557</b>	<b>56</b>	<b>1,613</b>	<b>574</b>	<b>46</b>	<b>620</b>	<b>10</b>	<b>40</b>	<b>50</b>
14. Schools and other educational buildings.....	1,199	23	1,222	56	5	61	-	4	4
15. Churches and other religious buildings.....	235	1	236	444	1	445	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	123	25	148	53	32	85	10	27	37
17. Other institutional buildings.....	-	7	7	21	8	29	-	9	9
<b>Other building construction.....</b>	<b>145,709</b>	<b>56,759</b>	<b>202,468</b>	<b>156,642</b>	<b>60,909</b>	<b>217,551</b>	<b>162,949</b>	<b>63,749</b>	<b>226,698</b>
18. Farm buildings (excluding dwellings).....	133,823	53,217	187,040	141,774	56,209	197,983	148,323	58,796	207,119
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	398	35	433	19	55	74	12	59	71
20. Aeroplane hangars.....	-	-	-	10	-	10	-	3	3
21. Passenger terminals, bus, boat or air.....	-	-	-	-	18	18	-	17	17
22. Armouries, barracks, drill halls, etc.....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	10,580	3,428	14,008	13,907	3,096	17,003	12,347	2,986	15,333
24. Other building construction.....	908	79	987	932	1,531	2,463	2,267	1,888	4,155
<b>Total engineering construction .....</b>	<b>627,781</b>	<b>80,040</b>	<b>707,821</b>	<b>692,994</b>	<b>84,906</b>	<b>777,900</b>	<b>689,439</b>	<b>87,391</b>	<b>776,830</b>
<b>Marine construction .....</b>	<b>3,666</b>	<b>2,317</b>	<b>5,983</b>	<b>3,958</b>	<b>1,923</b>	<b>5,881</b>	<b>6,435</b>	<b>1,969</b>	<b>8,404</b>
25. Docks, wharves, piers, breakwaters.....	2,738	1,097	3,835	2,982	1,144	4,126	2,754	1,237	3,991
26. Retaining walls, embankments, riprapping.....	8	4	12	41	7	48	9	12	21
27. Canals and waterways.....	107	190	297	168	165	333	2,784	156	2,940
28. Dredging and pile driving.....	4	169	173	102	94	196	550	138	688
29. Dyke construction.....	2	31	33	-	1	1	-	9	9
30. Logging booms.....	702	812	1,514	543	512	1,055	308	417	725
31. Other marine construction.....	105	14	119	122	-	122	30	-	30

See footnotes at end of table.

**TABLE 10. Total Value of Construction Work Performed - New and Repair, Type of Structure by Primary Industries 1965-67<sup>1,2,3</sup> - Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>48,051</b>	<b>15,809</b>	<b>63,860</b>	<b>44,317</b>	<b>16,178</b>	<b>60,495</b>	<b>40,159</b>	<b>15,320</b>	<b>55,479</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	1,265	382	1,647	816	355	1,171	1,093	431	1,524
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	17,001	5,466	22,467	15,867	5,571	21,438	12,762	5,840	18,602
34. Dirt, clay or other streets, roads, parking lots, etc. ....	28,190	9,839	38,029	27,508	10,117	37,625	26,207	9,003	35,210
35. Grading, scraping, oiling, filling.....	1,384	106	1,490	10	122	132	5	34	39
36. Sidewalks, paths .....	204	1	205	75	—	75	92	—	92
37. Aerodromes, landing fields, runways, tarmac .....	7	15	22	41	13	54	—	12	12
<b>Waterworks and sewage systems .....</b>	<b>35,426</b>	<b>13,029</b>	<b>48,455</b>	<b>37,561</b>	<b>13,737</b>	<b>51,298</b>	<b>37,358</b>	<b>14,132</b>	<b>51,490</b>
38. Tile drains, drainage ditches, storm sewers.....	14,602	5,736	20,338	15,374	6,056	21,430	16,038	6,337	22,375
39. Water mains, hydrants and services.....	16,580	6,061	22,641	17,512	6,308	23,820	17,360	6,557	23,917
40. Sewage systems and connections .....	1,326	127	1,453	559	267	826	964	103	1,067
41. Pumping stations, water .....	526	281	807	1,571	237	1,808	679	228	907
42. Water storage tanks.....	2,392	824	3,216	2,545	869	3,414	2,317	907	3,224
<b>Dams and irrigation .....</b>	<b>19,882</b>	<b>6,954</b>	<b>26,836</b>	<b>20,084</b>	<b>7,684</b>	<b>27,768</b>	<b>20,962</b>	<b>7,860</b>	<b>28,822</b>
43. Dams and reservoirs .....	3,411	403	3,814	2,634	767	3,401	2,710	626	3,336
44. Irrigation and land reclamation projects.....	16,471	6,551	23,022	17,450	6,917	24,367	18,252	7,234	25,486
<b>Electric power construction .....</b>	<b>4,097</b>	<b>933</b>	<b>5,030</b>	<b>8,369</b>	<b>1,151</b>	<b>9,520</b>	<b>5,862</b>	<b>1,103</b>	<b>6,965</b>
45. Electric power generating plants, including water conveying and controlling structures.....	1,744	213	1,957	2,221	204	2,425	600	238	838
46. Electric transformer stations.....	684	136	820	2,327	257	2,584	1,621	258	1,879
47. Power transmission and distribution lines, trolley wires .....	1,598	550	2,148	3,775	643	4,418	3,641	573	4,214
48. Street lighting.....	71	34	105	46	47	93	—	34	34
<b>Railway, telephone and telegraph .....</b>	<b>775</b>	<b>1,932</b>	<b>2,707</b>	<b>3,413</b>	<b>1,789</b>	<b>5,202</b>	<b>1,929</b>	<b>1,764</b>	<b>3,693</b>
49. Railway tracks and roadbed .....	559	1,490	2,049	3,367	1,541	4,908	1,879	1,526	3,405
50. Signals and interlockers .....	125	293	418	11	128	139	—	142	142
51. Telegraph and telephone lines, underground and marine cables	91	149	240	35	120	155	50	96	146
<b>Gas and oil facilities.....</b>	<b>375,056</b>	<b>24,693</b>	<b>399,749</b>	<b>336,892</b>	<b>29,484</b>	<b>366,376</b>	<b>371,959</b>	<b>31,605</b>	<b>403,564</b>
52. Gas mains and services .....	6	—	6	54	—	54	—	—	—
53. Pumping stations, oil .....	—	15	15	—	16	16	—	18	18
54. Pumping stations, gas.....	—	—	—	7	1	8	—	1	1
55. Oil storage tanks.....	287	2	289	451	1	452	110	1	111
56. Gas storage tanks .....	242	—	242	14	1	15	26	1	27
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	7	—	7	30	—	30	15	—	15
59. Oil wells.....	271,105	14,604	285,709	245,300	19,146	264,446	240,104	19,892	259,996
60. Gas wells .....	66,495	3,546	70,041	69,146	4,938	74,084	84,026	6,106	90,132
61. Oil refinery - Processing units <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants.....	36,914	6,526	43,440	21,890	5,381	27,271	47,678	5,586	53,264
<b>Other engineering construction .....</b>	<b>140,828</b>	<b>14,373</b>	<b>155,201</b>	<b>238,400</b>	<b>12,960</b>	<b>251,360</b>	<b>204,775</b>	<b>13,638</b>	<b>218,413</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	553	342	895	691	263	954	786	232	1,018
64. Tunnels and subways .....	548	20	568	254	22	276	530	1	531
65. Incinerators.....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc.....	392	24	416	44	26	70	—	29	29
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	31	31	62	32	94	15	31	46
68. Mine shafts and other below surface workings .....	54,162	4,545	58,707	112,191	3,525	115,716	123,793	3,868	127,661
69. Fences, snowsheds, signs, guard rails .....	20,950	8,219	29,169	21,841	8,685	30,526	22,847	9,084	31,931
70. Other engineering construction .....	64,223	1,192	65,415	103,317	407	103,724	56,804	393	57,197

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> Primary Industries include agriculture, fishing, mining, quarrying, oil wells and the construction industry. See also footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



**TABLE 11. Total Value of Construction Work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1965-67<sup>1,2,3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>604, 131</b>	<b>151, 369</b>	<b>755, 500</b>	<b>773, 291</b>	<b>158, 143</b>	<b>931, 434</b>	<b>601, 362</b>	<b>165, 819</b>	<b>767, 181</b>
<b>Total building construction</b> .....	<b>532, 825</b>	<b>111, 728</b>	<b>644, 553</b>	<b>668, 291</b>	<b>113, 549</b>	<b>781, 840</b>	<b>508, 781</b>	<b>120, 267</b>	<b>629, 048</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>498, 559</b>	<b>106, 666</b>	<b>605, 225</b>	<b>621, 086</b>	<b>108, 604</b>	<b>729, 690</b>	<b>467, 419</b>	<b>115, 198</b>	<b>582, 617</b>
2. Factories, plants, workshops, food canneries .....	498, 060	106, 613	604, 673	620, 437	108, 603	729, 040	466, 949	115, 198	582, 147
3. Mine and mine mill buildings .....	477	51	528	649	—	649	470	—	470
4. Railway stations, offices, roadway buildings .....	2	1	3	—	1	1	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	20	1	21	—	—	—	—	—	—
<b>Commercial</b> .....	<b>32, 108</b>	<b>4, 382</b>	<b>36, 490</b>	<b>44, 038</b>	<b>4, 156</b>	<b>48, 194</b>	<b>37, 663</b>	<b>4, 443</b>	<b>42, 106</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14, 384	1, 318	15, 702	21, 406	1, 265	22, 671	15, 022	1, 174	16, 196
7. Grain elevators.....	227	66	293	240	17	257	499	29	528
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2, 463	49	2, 512	209	48	257	—	61	61
9. Office buildings .....	14, 140	2, 770	16, 910	17, 256	2, 655	19, 911	9, 464	3, 040	12, 504
10. Stores, retail and wholesale.....	574	106	680	709	33	742	685	33	718
11. Garages and service stations.....	162	54	216	4, 060	120	4, 180	11, 937	95	12, 032
12. Theatres, arenas, amusement and recreational buildings .....	158	19	177	158	18	176	56	11	67
13. Laundries and dry cleaning establishments.....	—	—	—	—	—	—	—	—	—
<b>Institutional</b> .....	<b>576</b>	<b>36</b>	<b>612</b>	<b>26</b>	<b>38</b>	<b>64</b>	<b>359</b>	<b>29</b>	<b>388</b>
14. Schools and other educational buildings .....	522	5	527	—	4	4	80	3	83
15. Churches and other religious buildings .....	—	7	7	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	49	24	73	26	34	60	279	26	305
17. Other institutional buildings .....	5	—	5	—	—	—	—	—	—
<b>Other building construction</b> .....	<b>1, 582</b>	<b>644</b>	<b>2, 226</b>	<b>3, 141</b>	<b>751</b>	<b>3, 892</b>	<b>3, 340</b>	<b>597</b>	<b>3, 937</b>
18. Farm buildings (excluding dwellings).....	472	147	619	313	128	441	405	89	494
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6	1	7	—	20	20	2	29	31
20. Aeroplane hangars .....	104	107	211	90	144	234	15	136	151
21. Passenger terminals, bus, boat or air.....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc.....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	477	377	854	907	304	1, 211	1, 937	215	2, 152
24. Other building construction .....	523	12	535	1, 831	155	1, 986	981	128	1, 109
<b>Total engineering construction</b> .....	<b>71, 306</b>	<b>39, 641</b>	<b>110, 947</b>	<b>105, 000</b>	<b>44, 594</b>	<b>149, 594</b>	<b>92, 581</b>	<b>45, 552</b>	<b>138, 133</b>
<b>Marine construction</b> .....	<b>2, 099</b>	<b>1, 557</b>	<b>3, 656</b>	<b>6, 507</b>	<b>1, 875</b>	<b>8, 382</b>	<b>2, 006</b>	<b>1, 884</b>	<b>3, 890</b>
25. Docks, wharves, piers, breakwaters .....	1, 501	709	2, 210	6, 261	1, 235	7, 496	1, 715	1, 128	2, 843
26. Retaining walls, embankments, riprapping .....	20	10	30	48	—	48	8	114	122
27. Canals and waterways .....	—	11	11	—	46	46	18	20	38
28. Dredging and pile driving .....	361	609	970	53	491	544	70	533	603
29. Dyke construction .....	—	11	11	14	19	33	—	20	20
30. Logging booms .....	96	159	255	66	80	146	188	62	250
31. Other marine construction .....	121	48	169	65	4	69	7	7	14

See footnotes at end of table.



**TABLE 11. Total Value of Construction work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1965-67<sup>1,2,3</sup> — Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>9,271</b>	<b>2,207</b>	<b>11,478</b>	<b>7,623</b>	<b>2,080</b>	<b>9,703</b>	<b>5,155</b>	<b>2,056</b>	<b>7,211</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	5,278	945	6,223	4,343	1,031	5,374	3,227	1,020	4,247
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,525	373	1,898	694	291	985	622	374	996
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,762	788	2,550	1,620	684	2,304	1,063	587	1,650
35. Grading, scraping, oiling, filling .....	637	72	709	925	64	989	208	61	269
36. Sidewalks, paths .....	69	29	98	41	10	51	35	14	49
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>9,294</b>	<b>1,535</b>	<b>10,829</b>	<b>8,890</b>	<b>2,031</b>	<b>10,921</b>	<b>8,169</b>	<b>1,649</b>	<b>9,818</b>
38. Tile drains, drainage ditches, storm sewers .....	1,007	84	1,091	1,787	86	1,873	605	86	691
39. Water mains, hydrants and services .....	3,658	625	4,283	3,258	620	3,878	2,069	791	2,860
40. Sewage systems and connections .....	2,490	290	2,780	2,185	793	2,978	4,380	263	4,643
41. Pumping stations, water .....	1,878	360	2,238	1,121	468	1,589	905	425	1,330
42. Water storage tanks .....	261	176	437	539	64	603	210	84	294
<b>Dams and irrigation .....</b>	<b>447</b>	<b>120</b>	<b>567</b>	<b>89</b>	<b>60</b>	<b>149</b>	<b>258</b>	<b>45</b>	<b>303</b>
43. Dams and reservoirs .....	447	120	567	89	60	149	258	45	303
44. Irrigation and land reclamation projects <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>4,637</b>	<b>959</b>	<b>5,596</b>	<b>7,797</b>	<b>2,043</b>	<b>9,840</b>	<b>6,010</b>	<b>1,307</b>	<b>7,317</b>
45. Electric power generating plants, including water conveying and controlling structures .....	624	119	743	3,870	1,168	5,038	976	417	1,393
46. Electric transformer stations .....	2,093	346	2,439	2,107	237	2,344	3,066	255	3,321
47. Power transmission and distribution lines, trolley wires .....	1,808	475	2,283	1,487	566	2,053	1,736	601	2,337
48. Street lighting .....	112	19	131	333	72	405	232	34	266
<b>Railway, telephone and telegraph .....</b>	<b>2,756</b>	<b>748</b>	<b>3,504</b>	<b>2,190</b>	<b>1,037</b>	<b>3,227</b>	<b>5,527</b>	<b>971</b>	<b>6,498</b>
49. Railway tracks and roadbed .....	2,615	686	3,301	2,068	960	3,028	5,238	898	6,136
50. Signals and interlockers .....	104	13	117	15	3	18	40	1	41
51. Telegraph and telephone lines, underground and marine cables .....	37	49	86	107	74	181	249	72	321
<b>Gas and oil facilities.....</b>	<b>38,866</b>	<b>30,429</b>	<b>69,295</b>	<b>56,035</b>	<b>32,091</b>	<b>88,126</b>	<b>55,375</b>	<b>33,956</b>	<b>89,331</b>
52. Gas mains and services .....	74	14	88	54	27	81	139	22	161
53. Pumping stations, oil .....	48	1	49	12	29	41	18	32	50
54. Pumping stations, gas .....	25	—	25	4	1	5	—	1	1
55. Oil storage tanks .....	2,238	1,682	3,920	5,188	1,491	6,679	5,022	1,738	6,760
56. Gas storage tanks .....	77	—	77	11	25	36	10	24	34
57. Oil pipe lines .....	140	62	202	90	46	136	382	54	436
58. Gas pipe lines .....	31	50	81	297	62	359	116	60	176
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>3</sup> .....	36,233	28,620	64,853	50,379	30,410	80,789	49,688	32,025	81,713
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>3,936</b>	<b>2,086</b>	<b>6,022</b>	<b>15,869</b>	<b>3,377</b>	<b>19,246</b>	<b>10,081</b>	<b>3,684</b>	<b>13,765</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	290	252	542	576	176	752	131	199	330
64. Tunnels and subways .....	63	—	63	1	3	4	63	2	65
65. Incinerators .....	78	94	172	55	5	60	112	19	131
66. Park systems, landscaping, sodding, etc. ....	95	188	283	308	260	568	162	241	403
67. Swimming pools, tennis courts, outdoor recreation facilities ....	3	15	18	—	5	5	—	16	16
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	290	82	372	525	84	609	1,697	101	1,798
70. Other engineering construction .....	3,117	1,455	4,572	14,404	2,844	17,248	7,916	3,106	11,022

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> Included in "Other engineering construction".

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1965-67<sup>1</sup>

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,443,166</b>	<b>300,530</b>	<b>1,743,696</b>	<b>1,718,768</b>	<b>311,657</b>	<b>2,030,425</b>	<b>1,883,510</b>	<b>374,893</b>	<b>2,258,403</b>
<b>Total building construction .....</b>	<b>91,759</b>	<b>39,170</b>	<b>130,929</b>	<b>147,794</b>	<b>40,210</b>	<b>188,004</b>	<b>188,455</b>	<b>46,748</b>	<b>235,203</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>15,384</b>	<b>20,749</b>	<b>36,133</b>	<b>20,683</b>	<b>20,547</b>	<b>41,230</b>	<b>22,623</b>	<b>27,587</b>	<b>50,210</b>
2. Factories, plants, workshops, food canneries ....	3,804	2,148	5,952	1,633	2,097	3,730	4,461	2,443	6,904
3. Mine and mine mill buildings .....	18	—	18	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	7,144	12,312	19,456	11,198	12,173	23,371	10,982	16,530	27,512
5. Railway shops, engine houses, water and fuel stations .....	4,418	6,289	10,707	7,852	6,277	14,129	7,180	8,614	15,794
<b>Commercial .....</b>	<b>39,714</b>	<b>14,474</b>	<b>54,188</b>	<b>72,230</b>	<b>14,761</b>	<b>86,991</b>	<b>106,183</b>	<b>14,417</b>	<b>120,600</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	15,343	3,309	18,652	19,741	3,211	22,952	23,111	3,387	26,498
7. Grain elevators .....	9,753	8,006	17,759	20,904	5,361	26,265	47,538	7,816	55,354
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	41	3	44	97	—	97	31	—	31
9. Office buildings .....	9,257	1,939	11,196	25,594	5,189	30,783	23,454	2,167	25,621
10. Stores, retail and wholesale .....	21	3	24	650	—	650	—	—	—
11. Garages and service stations .....	5,299	1,191	6,490	5,229	962	6,191	12,014	1,011	13,025
12. Theatres, arenas, amusement and recreational buildings .....	—	23	23	15	38	53	35	36	71
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>—</b>	<b>15</b>	<b>15</b>	<b>97</b>	<b>44</b>	<b>141</b>	<b>183</b>	<b>44</b>	<b>227</b>
14. Schools and other educational buildings .....	—	1	1	90	5	95	183	5	188
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	14	14	7	39	46	—	39	39
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>36,661</b>	<b>3,932</b>	<b>40,593</b>	<b>54,784</b>	<b>4,858</b>	<b>59,642</b>	<b>59,466</b>	<b>4,700</b>	<b>64,166</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	28,756	2,854	31,610	33,507	2,914	36,421	36,298	2,893	39,191
20. Aeroplane hangars .....	15	53	68	518	640	1,158	2,950	550	3,500
21. Passenger terminals, bus, boat or air .....	5,092	740	5,832	17,635	1,049	18,684	6,365	988	7,353
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	164	46	210	1,322	55	1,377	714	69	783
24. Other building construction .....	2,634	239	2,873	1,802	200	2,002	13,139	200	13,339
<b>Total engineering construction .....</b>	<b>1,351,407</b>	<b>261,360</b>	<b>1,612,767</b>	<b>1,570,974</b>	<b>271,447</b>	<b>1,842,421</b>	<b>1,695,055</b>	<b>328,145</b>	<b>2,023,200</b>
<b>Marine construction .....</b>	<b>26,933</b>	<b>5,990</b>	<b>32,923</b>	<b>24,991</b>	<b>6,612</b>	<b>31,603</b>	<b>50,927</b>	<b>6,583</b>	<b>57,510</b>
25. Docks, wharves, piers, breakwaters .....	14,492	3,044	17,536	10,776	3,092	13,868	21,537	3,435	24,972
26. Retaining walls, embankments, riprapping .....	126	69	195	153	51	204	1,340	66	1,406
27. Canals and waterways .....	12,189	2,159	14,348	11,346	2,716	14,062	25,425	1,919	27,344
28. Dredging and pile driving .....	53	621	674	2,667	751	3,418	2,530	1,158	3,688
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	3	3	—	—	—	—	—	—
31. Other marine construction .....	73	94	167	49	2	51	95	5	100

See footnote at end of table.



TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1965-67<sup>1</sup>—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>31,244</b>	<b>657</b>	<b>31,901</b>	<b>22,033</b>	<b>633</b>	<b>22,666</b>	<b>13,949</b>	<b>738</b>	<b>14,687</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	29,769	392	30,161	20,302	479	20,781	12,940	602	13,542
33. Gravel or stone streets, highways, roads, parking lots, etc.	696	100	796	1,568	129	1,697	909	119	1,028
34. Dirt, clay or other streets, roads, parking lots, etc. ....	696	77	773	102	19	121	90	10	100
35. Grading, scraping, oiling, filling .....	6	79	85	38	6	44	—	7	7
36. Sidewalks, paths .....	13	9	22	3	—	3	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	64	—	64	20	—	20	10	—	10
<b>Waterworks and sewage systems .....</b>	<b>102,987</b>	<b>22,468</b>	<b>125,455</b>	<b>109,793</b>	<b>19,880</b>	<b>129,673</b>	<b>114,352</b>	<b>23,379</b>	<b>137,731</b>
38. Tile drains, drainage ditches, storm sewers .....	137	22	159	1,250	14	1,264	90	28	118
39. Water mains, hydrants and services .....	78,618	18,541	97,159	76,805	18,340	95,145	72,427	18,830	91,257
40. Sewage systems and connections .....	40	38	78	547	21	568	10,078	26	10,104
41. Pumping stations, water .....	21,680	1,569	23,249	27,162	1,431	28,593	27,710	4,423	32,133
42. Water storage tanks .....	2,512	2,298	4,810	4,029	74	4,103	4,047	72	4,119
<b>Dams and irrigation .....</b>	<b>235,240</b>	<b>632</b>	<b>235,872</b>	<b>138,136</b>	<b>532</b>	<b>138,668</b>	<b>166,379</b>	<b>1,014</b>	<b>167,393</b>
43. Dams and reservoirs .....	235,119	632	235,751	138,136	532	138,668	166,379	1,014	167,393
44. Irrigation and land reclamation projects .....	121	—	121	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>487,317</b>	<b>52,342</b>	<b>539,659</b>	<b>722,470</b>	<b>56,172</b>	<b>778,642</b>	<b>798,635</b>	<b>62,164</b>	<b>860,799</b>
45. Electric power generating plants, including water conveying and controlling structures .....	165,471	12,721	178,192	373,821	12,804	386,625	403,328	14,498	417,826
46. Electric transformer stations .....	43,770	5,098	48,868	45,694	4,831	50,525	46,869	5,071	51,940
47. Power transmission and distribution lines, trolley wires .....	268,947	32,324	301,271	294,239	36,140	330,379	338,324	39,876	378,200
48. Street lighting .....	9,129	2,199	11,328	8,716	2,397	11,113	10,114	2,719	12,833
<b>Railway, telephone and telegraph .....</b>	<b>230,785</b>	<b>155,998</b>	<b>386,783</b>	<b>272,903</b>	<b>164,158</b>	<b>437,061</b>	<b>293,710</b>	<b>207,398</b>	<b>501,108</b>
49. Railway tracks and roadbed .....	87,487	98,617	186,104	107,377	105,016	212,393	120,260	141,607	261,867
50. Signals and interlockers .....	6,458	9,027	15,485	10,659	9,363	20,022	10,463	12,420	22,883
51. Telegraph and telephone lines, underground and marine cables	136,840	48,354	185,194	154,867	49,779	204,646	162,987	53,371	216,358
<b>Gas and oil facilities .....</b>	<b>147,152</b>	<b>11,370</b>	<b>158,522</b>	<b>184,211</b>	<b>10,982</b>	<b>195,193</b>	<b>180,960</b>	<b>10,633</b>	<b>191,593</b>
52. Gas mains and services .....	44,943	5,520	50,463	61,500	5,311	66,811	53,900	5,323	59,223
53. Pumping stations, oil .....	2,189	1,191	3,380	11,632	1,630	13,262	7,278	1,711	8,989
54. Pumping stations, gas .....	3,623	732	4,355	7,584	324	7,908	11,155	124	11,279
55. Oil storage tanks .....	995	389	1,384	729	343	1,072	866	363	1,229
56. Gas storage tanks .....	13	77	90	4,051	125	4,176	3,326	126	3,452
57. Oil pipe lines .....	39,784	2,080	41,864	60,220	2,091	62,311	42,056	2,021	44,077
58. Gas pipe lines .....	50,087	1,057	51,144	37,896	1,088	38,984	61,013	897	61,910
59. Oil wells .....	4,610	—	4,610	—	—	—	—	—	—
60. Gas wells .....	154	168	322	468	44	512	1,233	39	1,272
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	754	156	910	131	26	157	133	29	162
<b>Other engineering construction .....</b>	<b>89,749</b>	<b>11,903</b>	<b>101,652</b>	<b>96,437</b>	<b>12,478</b>	<b>108,915</b>	<b>76,143</b>	<b>16,236</b>	<b>92,379</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	26,723	9,148	35,871	53,235	9,858	63,093	20,065	12,905	32,970
64. Tunnels and subways .....	57,834	37	57,871	37,129	93	37,222	35,151	269	35,420
65. Incinerators .....	—	—	—	—	65	65	220	38	258
66. Park systems, landscaping, sodding, etc. ....	130	37	167	321	63	384	1,241	62	1,303
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,175	2,115	3,290	1,111	1,723	2,834	1,644	2,391	4,035
70. Other engineering construction .....	3,887	566	4,453	4,641	676	5,317	17,822	571	18,393

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.



**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade, Finance and Commercial Services, 1965 - 67<sup>1,2</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>704,949</b>	<b>88,407</b>	<b>793,356</b>	<b>841,714</b>	<b>90,946</b>	<b>932,660</b>	<b>772,973</b>	<b>94,177</b>	<b>867,150</b>
<b>Total building construction .....</b>	<b>662,705</b>	<b>86,663</b>	<b>749,368</b>	<b>773,256</b>	<b>89,062</b>	<b>862,318</b>	<b>736,796</b>	<b>91,941</b>	<b>828,737</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>18,746</b>	<b>335</b>	<b>19,081</b>	<b>13,233</b>	<b>374</b>	<b>13,607</b>	<b>9,639</b>	<b>333</b>	<b>9,972</b>
2. Factories, plants, work shops, food canneries .....	17,861	335	18,196	13,233	374	13,607	9,639	333	9,972
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	885	—	885	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations.....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>628,578</b>	<b>85,838</b>	<b>714,416</b>	<b>748,609</b>	<b>87,661</b>	<b>836,270</b>	<b>721,940</b>	<b>90,552</b>	<b>812,492</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	22,370	4,161	26,531	38,160	5,265	43,425	45,647	5,771	51,418
7. Grain elevators .....	—	—	—	16	7	23	36	11	47
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	78,243	13,830	92,073	96,497	15,231	111,728	73,758	13,367	87,125
9. Office buildings .....	233,059	18,719	251,778	248,127	19,238	267,365	253,372	20,170	273,542
10. Stores, retail and wholesale .....	216,275	34,255	250,530	252,339	32,150	284,489	217,460	33,712	251,172
11. Garages and service stations.....	31,166	10,782	41,948	34,412	10,452	44,864	67,587	11,211	78,798
12. Theatres, arenas, amusement and recreational buildings.....	45,495	2,846	48,341	78,055	4,033	82,088	63,104	5,118	68,222
13. Laundries and dry cleaning establishments .....	1,970	1,245	3,215	1,003	1,285	2,288	976	1,192	2,168
<b>Institutional .....</b>	<b>611</b>	—	<b>611</b>	<b>1,706</b>	—	<b>1,706</b>	<b>375</b>	—	<b>375</b>
14. Schools and other educational buildings.....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings.....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	—	—	—	—	—	15	—	15
17. Other institutional buildings.....	611	—	611	1,706	—	1,706	360	—	360
<b>Other building construction .....</b>	<b>14,770</b>	<b>490</b>	<b>15,260</b>	<b>9,708</b>	<b>1,027</b>	<b>10,735</b>	<b>4,842</b>	<b>1,056</b>	<b>5,898</b>
18. Farm buildings (excluding dwellings).....	324	7	331	366	14	380	254	18	272
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	62	—	62	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	10	—	10	1	—	1	1	—	1
24. Other building construction.....	14,436	483	14,919	9,279	1,013	10,292	4,587	1,038	5,625
<b>Total engineering construction .....</b>	<b>42,244</b>	<b>1,744</b>	<b>43,988</b>	<b>68,458</b>	<b>1,884</b>	<b>70,342</b>	<b>36,177</b>	<b>2,236</b>	<b>38,413</b>
<b>Marine construction .....</b>	<b>644</b>	<b>22</b>	<b>666</b>	<b>1,468</b>	<b>3</b>	<b>1,471</b>	<b>1,090</b>	<b>102</b>	<b>1,192</b>
25. Docks, wharves, piers, breakwaters .....	246	22	268	48	3	51	120	102	222
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	201	—	201	150	—	150	—	—	—
29. Dyke construction.....	1	—	1	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	196	—	196	1,270	—	1,270	970	—	970

See footnote at end of table.

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade, Finance and Commercial Services, 1965-67<sup>1,2</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>6,416</b>	<b>477</b>	<b>6,893</b>	<b>11,417</b>	<b>499</b>	<b>11,916</b>	<b>7,493</b>	<b>528</b>	<b>8,021</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	3,905	462	4,367	8,615	433	9,048	5,557	444	6,001
33. Gravel or stone streets, highways, roads, parking lots, etc....	967	9	976	453	37	490	836	51	887
34. Dirt, clay or other streets, roads, parking lots, etc.....	35	—	35	25	13	38	9	13	22
35. Grading, scraping, oiling, filling .....	1,457	5	1,462	2,299	16	2,315	1,004	20	1,024
36. Sidewalks, paths .....	52	1	53	25	—	25	87	—	87
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems</b> .....	<b>5,960</b>	<b>7</b>	<b>5,967</b>	<b>9,429</b>	<b>19</b>	<b>9,448</b>	<b>3,213</b>	<b>23</b>	<b>3,236</b>
38. Tile drains, drainage ditches, storm sewers .....	1,061	4	1,065	1,714	5	1,719	753	6	759
39. Water mains, hydrants and services.....	2,465	—	2,465	3,342	1	3,343	1,212	1	1,213
40. Sewage systems and connections.....	2,253	3	2,256	3,940	13	3,953	1,248	16	1,264
41. Pumping stations, water .....	180	—	180	433	—	433	—	—	—
42. Water storage tanks .....	1	—	1	—	—	—	—	—	—
<b>Dams and irrigation</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs.....	—	—	—	—	—	—	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction</b> .....	<b>1,605</b>	<b>17</b>	<b>1,622</b>	<b>4,599</b>	<b>2</b>	<b>4,601</b>	<b>3,175</b>	<b>1</b>	<b>3,176</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	60	—	60	575	—	575
46. Electric transformer stations .....	272	2	274	464	—	464	—	—	—
47. Power transmission and distribution lines, trolley wires .....	1,104	—	1,104	1,596	—	1,596	1,290	—	1,290
48. Street lighting .....	229	15	244	2,479	2	2,481	1,310	1	1,311
<b>Railway, telephone and telegraph</b> .....	<b>1,370</b>	<b>—</b>	<b>1,370</b>	<b>535</b>	<b>—</b>	<b>535</b>	<b>49</b>	<b>1</b>	<b>50</b>
49. Railway tracks and roadbed .....	1,360	—	1,360	535	—	535	49	1	50
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	10	—	10	—	—	—	—	—	—
<b>Gas and oil facilities</b> .....	<b>4,870</b>	<b>718</b>	<b>5,588</b>	<b>4,190</b>	<b>889</b>	<b>5,079</b>	<b>6,025</b>	<b>1,035</b>	<b>7,060</b>
52. Gas main and services .....	388	—	388	276	—	276	100	—	100
53. Pumping stations, oil .....	—	—	—	556	138	694	617	161	778
54. Pumping stations, gas .....	2	—	2	—	—	—	—	—	—
55. Oil storage tanks .....	3,474	693	4,167	3,358	749	4,107	5,156	872	6,028
56. Gas storage tanks .....	1,006	3	1,009	—	—	—	2	—	2
57. Oil pipe lines .....	—	5	5	—	2	2	—	2	2
58. Gas pipe lines .....	—	17	17	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units .....	—	—	—	—	—	—	150	—	150
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>21,379</b>	<b>503</b>	<b>21,882</b>	<b>36,820</b>	<b>472</b>	<b>37,292</b>	<b>15,132</b>	<b>546</b>	<b>15,678</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	12,510	—	12,510	2,837	2	2,839	100	3	103
64. Tunnels and subways .....	1,592	—	1,592	15,642	—	15,642	4,200	—	4,200
65. Incinerators .....	—	—	—	1	—	1	—	—	—
66. Park systems, landscaping, sodding, etc. ....	1,885	27	1,912	7,421	7	7,428	4,576	9	4,585
67. Swimming pools, tennis courts, outdoor recreation facilities....	983	456	1,439	471	448	919	15	514	529
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	167	20	187	895	12	907	659	16	675
70. Other engineering construction .....	4,242	—	4,242	9,553	3	9,556	5,582	4	5,586

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> Included in "Other engineering construction".



**TABLE 14. Total Value of Construction Work Performed — New and Repair by Type of Structure by Federal Government Departments, 1965 - 67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>267, 118</b>	<b>83, 652</b>	<b>350, 770</b>	<b>300, 306</b>	<b>86, 177</b>	<b>386, 483</b>	<b>339, 304</b>	<b>93, 051</b>	<b>432, 355</b>
<b>Total building construction .....</b>	<b>136, 383</b>	<b>50, 151</b>	<b>186, 534</b>	<b>149, 434</b>	<b>51, 788</b>	<b>201, 222</b>	<b>168, 255</b>	<b>55, 899</b>	<b>224, 154</b>
2. Factories, plants, workshops, food canneries .....	13, 397	5, 567	18, 964	16, 426	5, 789	22, 215	18, 562	6, 248	24, 810
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 972	1, 765	4, 737	3, 146	1, 820	4, 966	3, 886	1, 967	5, 853
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	814	1, 305	2, 119	1, 027	1, 346	2, 373	1, 206	1, 449	2, 655
9. Office buildings .....	40, 783	11, 731	52, 514	43, 874	12, 095	55, 969	47, 583	13, 036	60, 619
10. Stores, retail and wholesale .....	564	165	729	680	169	849	890	182	1, 072
11. Garages and service stations .....	740	373	1, 113	724	384	1, 108	822	415	1, 237
12. Theatres, arenas, amusement and recreational buildings .....	7, 058	910	7, 968	8, 129	949	9, 078	9, 052	1, 023	10, 075
14. Schools and other educational buildings .....	10, 286	3, 147	13, 433	11, 903	3, 231	15, 134	14, 026	3, 481	17, 507
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5, 268	3, 141	8, 409	5, 085	3, 235	8, 320	5, 499	3, 493	8, 992
17. Other institutional buildings .....	27, 223	321	27, 544	27, 065	332	27, 397	30, 501	358	30, 859
18. Farm buildings (excluding dwellings) .....	2, 450	289	2, 739	3, 202	296	3, 498	3, 377	322	3, 699
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	11, 941	179	12, 120	12, 389	183	12, 572	13, 729	198	13, 927
20. Aeroplane hangars .....	399	3, 074	3, 473	458	3, 188	3, 646	583	3, 456	4, 039
21. Passenger terminals, bus, boat or air .....	4, 173	24	4, 197	5, 156	25	5, 181	7, 120	26	7, 146
22. Armouries, barracks, drill halls, etc. ....	6, 397	15, 010	21, 407	7, 546	15, 518	23, 064	8, 654	16, 771	25, 425
24. Other building construction .....	1, 918	3, 150	5, 068	2, 624	3, 228	5, 852	2, 765	3, 474	6, 239
<b>Total engineering construction .....</b>	<b>130, 735</b>	<b>33, 501</b>	<b>164, 236</b>	<b>150, 872</b>	<b>34, 389</b>	<b>185, 261</b>	<b>171, 049</b>	<b>37, 152</b>	<b>208, 201</b>
25. Docks, wharves, piers, breakwaters .....	25, 502	4, 735	30, 237	34, 242	4, 900	39, 142	38, 331	5, 304	43, 635
26. Retaining walls, embankments, riprapping .....	1, 293	445	1, 738	1, 578	463	2, 041	1, 851	499	2, 350
27. Canals and waterways .....	3, 176	2, 796	5, 972	3, 291	2, 857	6, 148	3, 527	3, 070	6, 597
28. Dredging and pile driving .....	7, 217	2, 724	9, 941	8, 997	2, 795	11, 792	11, 036	3, 036	14, 072
29. Dyke construction .....	397	76	473	401	78	479	551	85	636
31. Other marine construction .....	2, 693	185	2, 878	3, 618	187	3, 805	4, 342	203	4, 545
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3, 928	2, 493	6, 421	4, 883	2, 572	7, 455	5, 513	2, 778	8, 291
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	5, 779	1, 833	7, 612	6, 770	1, 875	8, 645	8, 625	2, 029	10, 654
34. Dirt, clay or other streets, roads, parking lots, etc. ....	803	792	1, 595	1, 149	810	1, 959	1, 232	877	2, 109
35. Grading, scraping, oiling, filling .....	40	218	258	48	224	272	62	241	303
37. Aerodromes, landing fields, runways, tarmac .....	14, 122	2, 783	16, 905	17, 734	2, 864	20, 598	23, 517	3, 096	26, 613
38. Tile drains, drainage ditches, storm sewers .....	888	307	1, 195	1, 135	319	1, 454	1, 387	345	1, 732
39. Water mains, hydrants and services .....	2, 408	846	3, 254	2, 804	874	3, 678	3, 334	945	4, 279
40. Sewage systems and connections .....	774	603	1, 377	1, 001	622	1, 623	1, 160	673	1, 833
43. Dams and reservoirs .....	24, 992	1, 487	26, 479	21, 633	1, 492	23, 125	17, 245	1, 600	18, 845
44. Irrigation and land reclamation projects .....	711	854	1, 565	764	855	1, 619	760	920	1, 680
45. Electric power generating plants, including water conveying and controlling structures .....	4, 507	1, 422	5, 929	5, 067	1, 452	6, 519	5, 767	1, 567	7, 334
46. Electric transformer stations .....	222	132	354	234	137	371	267	148	415
47. Power transmission and distribution lines, trolley wires .....	688	618	1, 306	819	640	1, 459	982	692	1, 674
55. Oil storage tanks .....	300	9	309	253	9	262	272	10	282
63. Bridges, trestles, culverts, overpasses, viaducts .....	10, 378	890	11, 268	13, 001	913	13, 914	17, 685	984	18, 669
66. Park systems, landscaping, sodding, etc. ....	2, 980	2, 143	5, 123	2, 987	2, 211	5, 198	3, 280	2, 389	5, 669
67. Swimming pools, tennis courts, outdoor recreation facilities .....	616	604	1, 220	752	620	1, 372	1, 029	671	1, 700
69. Fences, snowsheds, signs, guard rails .....	393	724	1, 117	460	747	1, 207	524	811	1, 335
70. Other engineering construction .....	15, 928	3, 782	19, 710	17, 251	3, 873	21, 124	18, 770	4, 179	22, 949

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.



**TABLE 15. Total Value of Construction Work Performed - New and Repair by Type of Structure by Provincial Government Departments, 1965 - 67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>725,028</b>	<b>188,560</b>	<b>913,588</b>	<b>900,600</b>	<b>195,100</b>	<b>1,095,700</b>	<b>922,500</b>	<b>216,100</b>	<b>1,138,600</b>
<b>Total building construction .....</b>	<b>72,082</b>	<b>22,998</b>	<b>95,080</b>	<b>138,827</b>	<b>23,338</b>	<b>162,165</b>	<b>150,938</b>	<b>25,046</b>	<b>175,984</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,957	815	5,772	12,658	1,831	14,489	13,052	1,910	14,962
9. Office buildings .....	37,069	8,334	45,403	52,900	11,517	64,417	51,253	12,028	63,281
10. Stores, retail and wholesale .....	29	21	50	110	17	127	10	17	27
17. Other institutional buildings .....	12,911	6,100	19,011	49,679	8,811	58,490	65,493	9,977	75,470
24. Other building construction .....	17,116	7,728	24,844	23,480	1,162	24,642	21,130	1,114	22,244
<b>Total engineering construction .....</b>	<b>652,946</b>	<b>165,562</b>	<b>818,508</b>	<b>761,773</b>	<b>171,762</b>	<b>933,535</b>	<b>771,562</b>	<b>191,054</b>	<b>962,616</b>
25. Docks, wharves, piers, breakwaters .....	1,159	325	1,484	2,364	2,790	5,154	2,373	2,818	5,191
26. Retaining walls, embankments, riprapping .....	4,304	623	4,927	575	4	579	628	7	635
31. Other marine construction .....	338	1,881	2,219	268	1,976	2,244	162	2,221	2,383
32. Hard surfaced or paved streets, highways, parking lots, etc.	336,532	60,769	397,301	463,314	91,061	554,375	409,200	101,191	510,391
33. Gravel or stone streets, highways, roads, parking lots, etc.	169,114	60,807	229,921	95,488	34,681	130,169	110,199	37,723	147,922
34. Dirt, clay or other streets, roads, parking lots, etc. ....	3,254	273	3,527	18,003	5,208	23,211	20,498	5,538	26,036
35. Grading, scraping, oiling, filling .....	20,715	7,747	28,462	38,179	7,352	45,531	39,991	8,237	48,228
38. Tile drains, drainage ditches, storm sewers .....	2,720	4,082	6,802	9,768	4,244	14,012	13,102	5,067	18,169
39. Water mains, hydrants and services .....	835	29	864	1,154	51	1,205	813	47	860
40. Sewage systems and connections .....	2,730	326	3,056	2,300	38	2,338	317	18	335
43. Dams and reservoirs .....	203	—	203	616	121	737	1,057	422	1,479
44. Irrigation and land reclamation projects .....	32	54	86	25,475	12	25,487	41,086	5	41,091
47. Power transmission and distribution lines, trolley wires....	42	—	42	337	13	350	342	10	352
51. Telegraph and telephone lines, underground and marine cables .....	994	19	1,013	—	4	4	—	7	7
63. Bridges, trestles, culverts, overpasses, viaducts .....	96,073	15,706	111,779	87,647	14,844	102,491	111,756	16,814	128,570
66. Park systems, landscaping, sodding, etc. ....	1,642	1,049	2,691	2,582	2,431	5,013	3,015	3,086	6,101
67. Swimming pools, tennis courts, outdoor recreation facilities	448	57	505	7,057	142	7,199	10,001	205	10,206
69. Fences, snowsheds, signs, guard rails .....	2,700	6,983	9,683	3,982	5,817	9,799	4,077	6,552	10,629
70. Other engineering construction .....	9,111	4,832	13,943	2,664	973	3,637	2,945	1,086	4,031

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

**TABLE 16. Total Value of Construction Work Performed—New and Repair by Type of Structure by Municipal Government Departments, 1965 - 67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>501,447</b>	<b>102,517</b>	<b>603,964</b>	<b>601,000</b>	<b>108,100</b>	<b>709,100</b>	<b>597,600</b>	<b>106,500</b>	<b>704,100</b>
<b>Total building construction .....</b>	<b>104,279</b>	<b>6,161</b>	<b>110,440</b>	<b>120,553</b>	<b>8,123</b>	<b>128,676</b>	<b>111,087</b>	<b>7,705</b>	<b>118,792</b>
9. Office buildings .....	22,656	2,031	24,687	16,816	2,650	19,466	15,065	2,354	17,419
12. Theatres, arenas, amusement and recreational buildings .....	32,393	1,906	34,299	60,212	3,110	63,322	46,960	3,016	49,976
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	9,250	287	9,537	9,215	354	9,569	13,045	346	13,391
17. Other institutional buildings .....	18,195	951	19,146	13,295	854	14,149	15,849	769	16,618
30. Other building construction .....	21,785	986	22,771	21,015	1,155	22,170	20,168	1,220	21,388
<b>Total engineering construction .....</b>	<b>397,168</b>	<b>96,356</b>	<b>493,524</b>	<b>480,447</b>	<b>99,977</b>	<b>580,424</b>	<b>486,513</b>	<b>98,795</b>	<b>585,308</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	167,197	62,914	230,111	210,565	64,484	275,049	205,467	62,605	268,072
36. Sidewalks, paths .....	16,594	4,930	21,524	15,730	5,262	20,992	15,852	6,054	21,906
40. Sewage systems and connections .....	139,754	12,007	151,761	166,394	14,493	180,887	164,082	14,111	178,193
48. Street lighting .....	5,975	2,813	8,788	8,016	2,406	10,422	8,274	2,494	10,768
63. Bridges, trestles, culverts, overpasses, viaducts .....	40,361	2,467	42,828	40,415	2,684	43,099	51,359	2,788	54,147
70. Other engineering construction .....	27,287	11,225	38,512	39,327	10,648	49,975	41,479	10,743	52,222

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

**TABLE 17. Total Value of Construction Work Performed—New and Repair by Institutional Services, 1965 - 67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>867,438</b>	<b>64,143</b>	<b>931,581</b>	<b>1,015,545</b>	<b>74,875</b>	<b>1,090,420</b>	<b>1,180,612</b>	<b>79,070</b>	<b>1,259,682</b>
<b>Total building construction .....</b>	<b>857,046</b>	<b>64,048</b>	<b>921,094</b>	<b>999,411</b>	<b>74,722</b>	<b>1,074,133</b>	<b>1,170,310</b>	<b>78,736</b>	<b>1,249,046</b>
8. Hotels, clubs, restaurants, cafeteria, tourist cabins .....	17	11	28	2	13	15	500	25	525
9. Office buildings .....	27	—	27	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	3,206	49	3,255	1,744	37	1,781	298	34	332
14. Schools and other educational buildings .....	618,798	36,144	654,942	757,022	42,828	799,850	868,301	46,947	915,248
15. Churches and other religious buildings .....	50,919	7,245	58,164	36,232	6,089	42,321	35,474	5,055	40,529
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	147,922	18,455	166,377	169,273	23,951	193,224	235,407	24,671	260,078
17. Other institutional buildings .....	36,092	2,123	38,215	35,116	1,781	36,897	30,326	1,970	32,296
18. Farm buildings (excluding dwellings) .....	65	21	86	22	23	45	4	34	38
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Other building construction .....	—	—	—	—	—	—	—	—	—
<b>Total engineering construction .....</b>	<b>10,392</b>	<b>95</b>	<b>10,487</b>	<b>16,134</b>	<b>153</b>	<b>16,287</b>	<b>10,302</b>	<b>334</b>	<b>10,636</b>

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.



**TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1965-67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>152,079</b>	<b>34,226</b>	<b>186,305</b>	<b>220,660</b>	<b>37,760</b>	<b>258,420</b>	<b>208,789</b>	<b>40,369</b>	<b>249,158</b>
<b>Total building construction .....</b>	<b>72,635</b>	<b>19,025</b>	<b>91,660</b>	<b>112,233</b>	<b>22,151</b>	<b>134,384</b>	<b>97,174</b>	<b>23,322</b>	<b>120,496</b>
Residential .....	31,300	10,500	41,800	25,800	11,200	37,000	25,600	11,900	37,500
Industrial .....	6,190	3,164	9,354	17,113	5,166	22,279	13,403	5,714	19,117
Commercial .....	12,795	2,730	15,525	28,524	2,299	30,823	13,546	2,308	15,854
Institutional .....	17,420	2,092	19,512	29,576	2,955	32,531	26,527	2,831	29,358
Other building construction .....	4,930	539	5,469	11,220	531	11,751	18,098	569	18,667
<b>Total engineering construction .....</b>	<b>79,444</b>	<b>15,201</b>	<b>94,645</b>	<b>108,427</b>	<b>15,609</b>	<b>124,036</b>	<b>111,615</b>	<b>17,047</b>	<b>128,662</b>
Marine construction .....	7,806	1,535	9,341	13,922	1,425	15,347	11,629	1,660	13,289
Road, highway and aerodrome construction .....	39,050	8,926	47,976	35,477	10,941	46,418	34,471	11,522	45,993
Waterworks and sewage systems .....	1,895	382	2,277	2,195	419	2,614	1,303	549	1,852
Dams and irrigation .....	202	83	285	12,274	21	12,295	13,591	47	13,638
Electric power construction .....	20,016	1,067	21,083	34,403	1,051	35,454	31,777	1,100	32,877
Railway, telephone and telegraph .....	3,409	1,770	5,179	735	1,223	1,958	1,676	1,548	3,224
Gas and oil facilities .....	196	80	276	4,224	22	4,246	979	13	992
Other engineering construction .....	6,870	1,358	8,228	5,197	507	5,704	16,189	608	16,797

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

**TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1965-67<sup>1</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>31,210</b>	<b>7,950</b>	<b>39,160</b>	<b>33,861</b>	<b>8,275</b>	<b>42,136</b>	<b>43,370</b>	<b>8,779</b>	<b>52,149</b>
<b>Total building construction .....</b>	<b>19,244</b>	<b>4,799</b>	<b>24,043</b>	<b>18,464</b>	<b>5,044</b>	<b>23,508</b>	<b>20,285</b>	<b>5,343</b>	<b>25,628</b>
Residential .....	8,000	1,800	9,800	7,300	2,000	9,300	7,200	2,100	9,300
Industrial .....	2,581	137	2,718	612	196	808	779	173	952
Commercial .....	5,941	655	6,596	3,963	664	4,627	3,202	722	3,924
Institutional .....	1,573	485	2,058	5,134	341	5,475	6,530	349	6,879
Other building construction .....	1,149	1,722	2,871	1,455	1,843	3,298	2,574	1,999	4,573
<b>Total engineering construction .....</b>	<b>11,966</b>	<b>3,151</b>	<b>15,117</b>	<b>15,397</b>	<b>3,231</b>	<b>18,628</b>	<b>23,085</b>	<b>3,436</b>	<b>26,521</b>
Marine construction .....	926	553	1,479	1,461	568	2,029	3,523	641	4,164
Road, highway and aerodrome construction .....	7,946	1,290	9,236	9,574	1,367	10,941	12,227	1,391	13,618
Waterworks and sewage systems .....	248	273	521	316	285	601	297	293	590
Dams and irrigation .....	90	104	194	594	116	710	455	121	576
Electric power construction .....	1,126	312	1,438	1,352	367	1,719	3,655	390	4,045
Railway, telephone and telegraph .....	826	201	1,027	1,009	187	1,196	814	242	1,056
Gas and oil facilities .....	3	15	18	131	29	160	158	36	194
Other engineering construction .....	801	403	1,204	960	312	1,272	1,956	322	2,278

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.



**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1965-67<sup>1,2,3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>199,333</b>	<b>57,023</b>	<b>256,356</b>	<b>234,765</b>	<b>62,324</b>	<b>297,089</b>	<b>273,664</b>	<b>69,117</b>	<b>342,781</b>
<b>Total building construction .....</b>	<b>134,307</b>	<b>30,791</b>	<b>165,098</b>	<b>149,161</b>	<b>31,490</b>	<b>180,651</b>	<b>160,795</b>	<b>33,695</b>	<b>194,490</b>
<b>Residential .....</b>	<b>50,900</b>	<b>14,200</b>	<b>65,100</b>	<b>50,200</b>	<b>15,200</b>	<b>65,400</b>	<b>49,900</b>	<b>16,200</b>	<b>66,100</b>
<b>Industrial .....</b>	<b>15,030</b>	<b>3,770</b>	<b>18,800</b>	<b>28,179</b>	<b>3,793</b>	<b>31,972</b>	<b>18,278</b>	<b>4,160</b>	<b>22,438</b>
2. Factories, plants, workshops, food canneries .....	14,742	2,918	17,660	27,772	3,042	30,814	17,879	3,201	21,080
3. Mine and mine mill buildings .....	57	358	415	74	255	329	67	261	328
4. Railway stations, offices, roadway buildings .....	158	331	489	218	333	551	219	466	685
5. Railway shops, engine houses, water and fuel stations .....	73	163	236	115	163	278	113	232	345
<b>Commercial .....</b>	<b>16,347</b>	<b>4,799</b>	<b>21,146</b>	<b>20,575</b>	<b>4,151</b>	<b>24,726</b>	<b>27,187</b>	<b>4,438</b>	<b>31,625</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,681	740	3,421	1,211	811	2,022	4,821	820	5,641
7. Grain elevators .....	81	38	119	1,767	95	1,862	1,641	89	1,730
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,999	439	2,438	763	351	1,114	837	365	1,202
9. Office buildings .....	5,282	2,087	7,369	7,419	1,450	8,869	12,479	1,580	14,059
10. Stores, retail and wholesale .....	4,406	974	5,380	5,316	968	6,284	4,043	1,042	5,085
11. Garages and service stations .....	1,075	321	1,396	1,783	234	2,017	1,579	233	1,812
12. Theatres, arenas, amusement and recreational buildings .....	819	180	999	2,198	186	2,384	1,773	274	2,047
13. Laundries and dry cleaning establishments .....	4	20	24	118	56	174	14	35	49
<b>Institutional .....</b>	<b>36,066</b>	<b>2,769</b>	<b>38,835</b>	<b>41,237</b>	<b>2,377</b>	<b>43,614</b>	<b>56,519</b>	<b>2,666</b>	<b>59,185</b>
14. Schools and other educational buildings .....	14,337	1,457	15,794	26,273	1,299	27,572	32,458	1,546	34,004
15. Churches and other religious buildings .....	3,613	290	3,903	881	320	1,201	1,117	147	1,264
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,183	785	10,968	8,349	661	9,010	16,904	878	17,782
17. Other institutional buildings .....	7,933	237	8,170	5,734	97	5,831	6,040	95	6,135
<b>Other building construction .....</b>	<b>15,964</b>	<b>5,253</b>	<b>21,217</b>	<b>8,970</b>	<b>5,969</b>	<b>14,939</b>	<b>8,911</b>	<b>6,231</b>	<b>15,142</b>
18. Farm buildings (excluding dwellings) .....	1,995	1,186	3,181	2,255	1,338	3,593	2,309	1,374	3,683
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6,061	174	6,235	3,623	43	3,666	3,932	44	3,976
20. Aeroplane hangars .....	79	395	474	55	408	463	96	442	538
21. Passenger terminals, bus, boat or air .....	118	20	138	83	60	143	83	26	109
22. Armouries, barracks, drill halls, etc. ....	473	3,015	3,488	327	3,099	3,426	331	3,373	3,704
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	57	26	83	42	24	66	240	23	263
24. Other building construction .....	7,181	437	7,618	2,585	997	3,582	1,920	949	2,869
<b>Total engineering construction .....</b>	<b>65,026</b>	<b>26,232</b>	<b>91,258</b>	<b>85,604</b>	<b>30,834</b>	<b>116,438</b>	<b>112,869</b>	<b>35,422</b>	<b>148,291</b>
<b>Marine construction .....</b>	<b>5,377</b>	<b>1,181</b>	<b>6,558</b>	<b>5,012</b>	<b>1,139</b>	<b>6,151</b>	<b>5,941</b>	<b>1,221</b>	<b>7,162</b>
25. Docks, wharves, piers, breakwaters .....	4,728	1,034	5,762	4,609	987	5,596	5,552	1,058	6,610
26. Retaining walls, embankments, riprapping .....	18	19	37	11	20	31	11	21	32
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	282	79	361	195	82	277	197	88	285
29. Dyke construction .....	195	46	241	149	47	196	136	51	187
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	154	3	157	48	3	51	45	3	48

See footnotes at end of table.

**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1965-67<sup>1,2,3</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>22,571</b>	<b>11,368</b>	<b>33,939</b>	<b>39,254</b>	<b>16,156</b>	<b>55,410</b>	<b>45,018</b>	<b>17,643</b>	<b>62,661</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	20,468	9,603	30,071	37,492	14,299	51,791	43,008	15,700	58,708
33. Gravel or stone streets, highways, roads, parking lots, etc.....	167	180	347	135	159	294	150	168	318
34. Dirt, clay or other streets, roads, parking lots, etc.....	276	257	533	507	322	829	565	282	847
35. Grading, scraping, oiling, filling .....	—	7	7	13	7	20	13	8	21
36. Sidewalks, paths .....	741	87	828	473	98	571	639	105	744
37. Aerodromes, landing fields, runways, tarmac .....	919	1,234	2,153	634	1,271	1,905	643	1,380	2,023
<b>Waterworks and sewage systems .....</b>	<b>7,159</b>	<b>1,654</b>	<b>8,813</b>	<b>6,798</b>	<b>1,440</b>	<b>8,238</b>	<b>8,680</b>	<b>1,311</b>	<b>9,991</b>
38. Tile drains, drainage ditches, storm sewers .....	238	197	435	254	218	472	262	226	488
39. Water mains, hydrants and services .....	3,452	741	4,193	3,408	715	4,123	4,376	727	5,103
40. Sewage systems and connections .....	2,751	667	3,418	3,008	457	3,465	3,554	316	3,870
41. Pumping stations, water .....	594	22	616	93	18	111	80	9	89
42. Water storage tanks .....	124	27	151	35	32	67	408	33	441
<b>Dams and irrigation .....</b>	<b>480</b>	<b>239</b>	<b>719</b>	<b>681</b>	<b>249</b>	<b>930</b>	<b>498</b>	<b>611</b>	<b>1,109</b>
43. Dams and reservoirs .....	231	96	327	399	87	486	202	445	647
44. Irrigation and land reclamation projects .....	249	143	392	282	162	444	296	166	462
<b>Electric power construction .....</b>	<b>15,011</b>	<b>2,040</b>	<b>17,051</b>	<b>14,674</b>	<b>2,537</b>	<b>17,211</b>	<b>28,413</b>	<b>3,505</b>	<b>31,918</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,815	640	6,455	6,418	461	6,879	18,065	630	18,695
46. Electric transformer stations .....	278	52	330	554	38	592	1,376	216	1,592
47. Power transmission and distribution lines, trolley wires .....	8,627	1,266	9,893	7,389	1,863	9,252	8,457	2,476	10,933
48. Street lighting .....	291	82	373	313	175	488	515	183	698
<b>Railway, telephone and telegraph .....</b>	<b>5,694</b>	<b>4,247</b>	<b>9,941</b>	<b>8,156</b>	<b>4,654</b>	<b>12,810</b>	<b>8,809</b>	<b>6,090</b>	<b>14,899</b>
49. Railway tracks and roadbed .....	1,399	2,806	4,205	1,851	3,254	5,105	1,964	4,430	6,394
50. Signals and interlockers .....	101	231	332	174	222	396	160	318	478
51. Telegraph and telephone lines, underground and marine cables .....	4,194	1,210	5,404	6,131	1,178	7,309	6,685	1,342	8,027
<b>Gas and oil facilities .....</b>	<b>771</b>	<b>87</b>	<b>858</b>	<b>1,216</b>	<b>89</b>	<b>1,305</b>	<b>783</b>	<b>103</b>	<b>886</b>
52. Gas mains and services .....	—	—	—	—	—	—	100	—	100
53. Pumping stations, oil .....	—	—	—	264	62	326	300	75	375
54. Pumping stations, gas .....	3	—	3	—	—	—	—	—	—
55. Oil storage tanks .....	746	71	817	951	1	952	383	1	384
56. Gas storage tanks .....	—	—	—	—	23	23	—	22	22
57. Oil pipe lines .....	—	3	3	1	1	2	—	1	1
58. Gas pipe lines.....	22	13	35	—	2	2	—	4	4
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>7,963</b>	<b>5,416</b>	<b>13,379</b>	<b>9,813</b>	<b>4,570</b>	<b>14,383</b>	<b>14,727</b>	<b>4,938</b>	<b>19,665</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,933	1,611	5,544	4,850	1,634	6,484	8,337	1,825	10,162
64. Tunnels and subways .....	—	28	28	—	29	29	—	31	31
65. Incinerators .....	1	—	1	9	—	9	—	—	—
66. Park systems, landscaping, sodding, etc. ....	994	207	1,201	903	244	1,147	938	272	1,210
67. Swimming pools, tennis courts, outdoor recreation facilities ....	42	84	126	30	86	116	50	94	144
68. Mine shafts and other below surface workings .....	228	746	974	87	73	160	50	65	115
69. Fences, snowsheds, signs, guard rails .....	368	284	652	402	306	708	452	337	789
70. Other engineering construction .....	2,397	2,456	4,853	3,532	2,198	5,730	4,900	2,314	7,214

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".



**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1965-67<sup>1,2,3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>210,543</b>	<b>44,771</b>	<b>255,314</b>	<b>236,827</b>	<b>45,979</b>	<b>282,806</b>	<b>248,767</b>	<b>50,296</b>	<b>299,063</b>
<b>Total building construction .....</b>	<b>109,421</b>	<b>22,912</b>	<b>132,333</b>	<b>129,507</b>	<b>22,403</b>	<b>151,910</b>	<b>134,270</b>	<b>23,953</b>	<b>158,223</b>
<b>Residential .....</b>	<b>41,600</b>	<b>10,500</b>	<b>52,100</b>	<b>45,000</b>	<b>11,200</b>	<b>56,200</b>	<b>44,700</b>	<b>11,900</b>	<b>56,600</b>
<b>Industrial .....</b>	<b>27,801</b>	<b>3,351</b>	<b>31,152</b>	<b>37,935</b>	<b>2,708</b>	<b>40,643</b>	<b>11,645</b>	<b>3,006</b>	<b>14,651</b>
2. Factories, plants, workshops, food canneries .....	23,057	2,513	25,570	31,589	1,901	33,490	10,582	1,892	12,474
3. Mine and mine mill buildings .....	4,407	22	4,429	5,861	17	5,878	201	13	214
4. Railway stations, offices, roadway buildings .....	230	578	808	318	523	841	561	728	1,289
5. Railway shops, engine houses, water and fuel stations .....	107	238	345	167	267	434	301	373	674
<b>Commercial .....</b>	<b>17,275</b>	<b>4,424</b>	<b>21,699</b>	<b>14,012</b>	<b>4,503</b>	<b>18,515</b>	<b>19,077</b>	<b>4,648</b>	<b>23,725</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,761	427	3,188	2,426	562	2,988	3,960	604	4,564
7. Grain elevators .....	1	11	12	26	22	48	1	2	3
8. Hotels, clubs, restaurants, cafeterias, tourists cabins .....	900	184	1,084	407	171	578	1,003	182	1,185
9. Office buildings .....	6,785	2,223	9,008	4,532	2,115	6,647	4,761	2,317	7,078
10. Stores, retail and wholesale .....	4,909	964	5,873	4,064	733	4,797	6,512	761	7,273
11. Garages and service stations .....	1,009	432	1,441	738	300	1,038	1,823	402	2,225
12. Theatres, arenas, amusement and recreational buildings .....	910	137	1,047	1,819	516	2,335	1,017	288	1,305
13. Laundries and dry cleaning establishments .....	—	46	46	—	84	84	—	92	92
<b>Institutional .....</b>	<b>16,712</b>	<b>1,910</b>	<b>18,622</b>	<b>25,388</b>	<b>1,526</b>	<b>26,914</b>	<b>51,475</b>	<b>1,637</b>	<b>53,112</b>
14. Schools and other educational buildings .....	11,141	888	12,029	21,156	401	21,557	43,197	385	43,582
15. Churches and other religious buildings .....	1,875	381	2,256	1,551	410	1,961	847	417	1,264
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,466	506	1,972	2,081	575	2,656	5,779	696	6,475
17. Other institutional buildings .....	2,230	135	2,365	600	140	740	1,652	139	1,791
<b>Other building construction .....</b>	<b>6,033</b>	<b>2,727</b>	<b>8,760</b>	<b>7,172</b>	<b>2,466</b>	<b>9,638</b>	<b>7,373</b>	<b>2,762</b>	<b>10,135</b>
18. Farm buildings (excluding dwellings) .....	1,986	1,387	3,373	1,801	1,256	3,057	1,887	1,311	3,198
19. Broadcasting, radio and television, relay and booster stations, telephone exchange .....	2,174	276	2,450	2,794	174	2,968	2,235	247	2,482
20. Aeroplane hangars .....	39	178	217	53	186	239	169	204	373
21. Passenger terminals, bus, boat or air .....	1,035	5	1,040	1,399	4	1,403	2,290	4	2,294
22. Armouries, barracks, drill halls, etc. ....	19	494	513	26	517	543	42	567	609
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	650	348	998	588	301	889	439	388	827
24. Other building construction .....	130	39	169	511	28	539	311	41	352
<b>Total engineering construction .....</b>	<b>101,122</b>	<b>21,859</b>	<b>122,981</b>	<b>107,320</b>	<b>23,576</b>	<b>130,896</b>	<b>114,497</b>	<b>26,343</b>	<b>140,840</b>
<b>Marine construction .....</b>	<b>4,268</b>	<b>936</b>	<b>5,204</b>	<b>6,397</b>	<b>1,044</b>	<b>7,441</b>	<b>9,977</b>	<b>1,089</b>	<b>11,066</b>
25. Docks, wharves, piers, breakwaters .....	3,123	617	3,740	4,968	723	5,691	7,886	820	8,706
6. Retaining walls, embankments, riprapping .....	20	10	30	27	10	37	44	11	55
7. Canals and waterways .....	—	—	—	—	—	—	—	—	—
8. Dredging and pile driving .....	791	247	1,038	950	238	1,188	1,308	178	1,486
9. Dyke construction .....	149	26	175	202	27	229	330	30	360
0. Logging booms .....	—	36	36	—	46	46	—	50	50
1. Other marine construction .....	185	—	185	250	—	250	409	—	409

See footnotes at end of table.



**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1965-67<sup>1,2,3</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>35,213</b>	<b>8,289</b>	<b>43,502</b>	<b>39,253</b>	<b>10,879</b>	<b>50,132</b>	<b>42,383</b>	<b>11,072</b>	<b>53,455</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	23,344	992	24,336	25,646	6,787	32,433	27,467	6,345	33,812
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	10,607	6,263	16,870	12,457	3,132	15,589	13,092	3,161	16,253
34. Dirt, clay or other streets, roads, parking lots, etc. ....	731	779	1,510	637	694	1,331	662	668	1,330
35. Grading, scraping, oiling, filling .....	25	21	46	15	29	44	43	31	74
36. Sidewalks, paths .....	277	82	359	188	78	266	612	693	1,305
37. Aerodromes, landings fields, runways, tarmac .....	229	152	381	310	159	469	507	174	681
<b>Waterworks and sewage systems .....</b>	<b>5,804</b>	<b>1,410</b>	<b>7,214</b>	<b>3,152</b>	<b>1,290</b>	<b>4,442</b>	<b>1,834</b>	<b>1,174</b>	<b>3,008</b>
38. Tile drains, drainage ditches, storm sewers .....	227	190	417	212	178	390	235	187	422
39. Water mains, hydrants and services .....	1,281	992	2,273	1,507	901	2,408	955	796	1,751
40. Sewage systems and connections .....	1,150	188	1,338	921	186	1,107	415	160	575
41. Pumping stations, water .....	2,616	15	2,631	387	6	393	127	6	133
42. Water storage tanks .....	530	25	555	125	19	144	102	25	127
<b>Dams and irrigation .....</b>	<b>1,081</b>	<b>217</b>	<b>1,298</b>	<b>387</b>	<b>161</b>	<b>548</b>	<b>332</b>	<b>166</b>	<b>498</b>
43. Dams and reservoirs .....	839	52	891	169	12	181	105	11	116
44. Irrigation and land reclamation projects .....	242	165	407	218	149	367	227	155	382
<b>Electric power construction .....</b>	<b>34,566</b>	<b>1,626</b>	<b>36,192</b>	<b>35,552</b>	<b>734</b>	<b>36,286</b>	<b>32,692</b>	<b>843</b>	<b>33,535</b>
45. Electric power generating plants, including water conveying and controlling structures .....	24,583	508	25,091	28,567	86	28,653	24,990	80	25,070
46. Electric transformer stations .....	943	128	1,071	1,012	77	1,089	534	83	617
47. Power transmission and distribution lines, trolley wires .....	8,858	885	9,743	5,658	508	6,166	6,937	610	7,547
48. Street lighting .....	182	105	287	315	63	378	231	70	301
<b>Railway, telephone and telegraph .....</b>	<b>6,732</b>	<b>6,141</b>	<b>12,873</b>	<b>8,541</b>	<b>5,830</b>	<b>14,371</b>	<b>9,269</b>	<b>8,109</b>	<b>17,378</b>
49. Railway tracks and roadbed .....	2,474	4,493	6,967	3,081	4,477	7,558	3,942	6,262	10,204
50. Signals and interlockers .....	151	439	590	255	385	640	516	533	1,049
51. Telegraph and telephone lines, underground and marine cables .....	4,107	1,209	5,316	5,205	968	6,173	4,811	1,314	6,125
<b>Gas and oil facilities .....</b>	<b>153</b>	<b>38</b>	<b>191</b>	<b>373</b>	<b>57</b>	<b>430</b>	<b>315</b>	<b>62</b>	<b>377</b>
52. Gas mains and services .....	1	8	9	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	161	47	208	175	50	225
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	71	30	101	130	—	130	70	2	72
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	4	—	4	18	—	18	20	—	20
58. Gas pipe lines .....	1	—	1	—	—	—	—	—	—
59. Oil wells .....	76	—	76	64	—	64	50	—	50
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	10	10	—	10	10
<b>Other engineering construction .....</b>	<b>13,305</b>	<b>3,202</b>	<b>16,507</b>	<b>13,665</b>	<b>3,581</b>	<b>17,246</b>	<b>17,695</b>	<b>3,828</b>	<b>21,523</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	6,901	1,608	8,509	8,990	1,750	10,740	12,807	1,857	14,664
64. Tunnels and subways .....	—	85	85	—	89	89	10	98	108
65. Incinerators .....	—	1	1	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	89	305	394	177	321	498	137	345	482
67. Swimming pools, tennis courts, outdoor recreation facilities....	304	36	340	541	57	598	823	65	888
68. Mine shafts and other below surface workings .....	964	—	964	2,696	178	2,874	2,649	221	2,870
69. Fences, snowsheds, signs, guard rails .....	422	536	958	563	522	1,085	614	587	1,201
70. Other engineering construction .....	4,625	631	5,256	698	664	1,362	655	655	1,310

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1965 - 67<sup>1,2,3</sup>

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,199,228</b>	<b>417,533</b>	<b>2,616,761</b>	<b>2,298,436</b>	<b>439,902</b>	<b>2,738,338</b>	<b>2,113,572</b>	<b>474,657</b>	<b>2,588,229</b>
<b>Total building construction .....</b>	<b>1,307,117</b>	<b>272,611</b>	<b>1,579,728</b>	<b>1,350,593</b>	<b>291,873</b>	<b>1,642,466</b>	<b>1,271,659</b>	<b>309,788</b>	<b>1,581,447</b>
<b>Residential .....</b>	<b>565,100</b>	<b>167,500</b>	<b>732,600</b>	<b>545,900</b>	<b>179,200</b>	<b>725,100</b>	<b>543,200</b>	<b>190,000</b>	<b>733,200</b>
<b>Industrial .....</b>	<b>144,298</b>	<b>37,993</b>	<b>182,291</b>	<b>153,779</b>	<b>38,045</b>	<b>191,824</b>	<b>119,114</b>	<b>41,937</b>	<b>161,051</b>
2. Factories, plants, workshops, food canneries ....	135,447	32,304	167,751	146,170	32,742	178,912	106,455	35,408	141,863
3. Mine and mine mill buildings .....	4,267	1,846	6,113	3,876	2,159	6,035	9,251	2,397	11,648
4. Railway stations, offices, roadway buildings ....	2,832	2,179	5,011	1,572	2,002	3,574	1,503	2,607	4,110
5. Railway shops, engine houses, water and fuel stations .....	1,752	1,664	3,416	2,161	1,142	3,303	1,905	1,525	3,430
<b>Commercial .....</b>	<b>259,135</b>	<b>32,926</b>	<b>292,061</b>	<b>330,413</b>	<b>32,927</b>	<b>363,340</b>	<b>261,776</b>	<b>35,154</b>	<b>296,930</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,488	3,073	19,561	22,227	3,765	25,992	20,030	4,014	24,044
7. Grain elevators .....	1,188	1,103	2,291	9,058	1,509	10,567	12,924	1,346	14,270
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	29,014	4,566	33,580	34,174	4,429	38,603	15,762	4,233	19,995
9. Office buildings .....	95,622	10,949	106,571	98,974	10,414	109,388	87,222	11,178	98,400
10. Stores, retail and wholesale .....	81,538	8,341	89,879	88,597	8,141	96,738	59,039	8,087	67,126
11. Garages and service stations .....	11,546	2,939	14,485	9,107	2,375	11,482	17,039	2,583	19,622
12. Theatres, arenas, amusement and recreational buildings .....	23,486	1,582	25,068	67,671	1,895	69,566	49,656	3,348	53,004
13. Laundries and dry cleaning establishments ....	253	373	626	605	399	1,004	104	365	469
<b>Institutional .....</b>	<b>278,065</b>	<b>19,895</b>	<b>297,960</b>	<b>241,215</b>	<b>25,737</b>	<b>266,952</b>	<b>274,545</b>	<b>25,943</b>	<b>300,488</b>
14. Schools and other educational buildings .....	196,504	9,131	205,635	166,747	11,206	177,953	181,985	12,780	194,765
15. Churches and other religious buildings .....	15,887	1,810	17,697	10,185	1,545	11,730	7,251	1,052	8,303
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	44,854	6,427	51,281	36,603	9,085	45,688	48,934	7,611	56,545
17. Other institutional buildings .....	20,820	2,527	23,347	27,680	3,901	31,581	36,375	4,500	40,875
<b>Other building construction .....</b>	<b>60,519</b>	<b>14,297</b>	<b>74,816</b>	<b>79,286</b>	<b>15,964</b>	<b>95,250</b>	<b>73,024</b>	<b>16,754</b>	<b>89,778</b>
18. Farm buildings (excluding dwellings) .....	27,491	8,711	36,202	34,196	9,801	43,997	32,898	10,189	43,087
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,372	429	8,801	8,798	451	9,249	15,787	499	16,286
20. Aeroplane hangars .....	47	413	460	198	448	646	483	485	968
21. Passenger terminals, bus, boat or air .....	5,062	617	5,679	17,510	838	18,348	6,088	828	6,916
22. Armouries, barracks, drill halls, etc. ....	793	2,496	3,289	1,065	2,714	3,779	1,197	2,923	4,120
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,729	819	2,548	3,938	748	4,686	4,254	743	4,997
24. Other building construction .....	17,025	812	17,837	13,581	964	14,545	12,317	1,087	13,404
<b>Total engineering construction .....</b>	<b>892,111</b>	<b>144,922</b>	<b>1,037,033</b>	<b>947,843</b>	<b>148,029</b>	<b>1,095,872</b>	<b>841,913</b>	<b>164,869</b>	<b>1,006,782</b>
<b>Marine construction .....</b>	<b>25,700</b>	<b>4,809</b>	<b>30,509</b>	<b>22,002</b>	<b>4,588</b>	<b>26,590</b>	<b>36,783</b>	<b>5,330</b>	<b>42,113</b>
25. Docks, wharves, piers, breakwaters .....	12,425	2,171	14,596	13,050	2,746	15,796	23,964	3,017	26,981
26. Retaining walls, embankments, riprapping .....	4,459	742	5,201	974	152	1,126	1,038	172	1,210
27. Canals and waterways .....	4,291	483	4,774	284	415	699	4,641	379	5,020
28. Dredging and pile driving .....	3,881	1,115	4,996	6,196	1,051	7,247	5,856	1,519	7,375
29. Dyke construction .....	1	—	1	—	1	1	—	4	4
30. Logging booms .....	371	192	563	181	217	398	192	227	419
31. Other marine construction .....	272	106	378	1,317	6	1,323	1,092	12	1,104

See footnotes at end of table.



TABLE 22. Total Value of Construction Work Performed—New and Repair by Type of Structure—Quebec, 1965-67<sup>1,2,3</sup>—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>229,429</b>	<b>50,687</b>	<b>280,116</b>	<b>279,289</b>	<b>55,709</b>	<b>334,998</b>	<b>195,079</b>	<b>58,557</b>	<b>253,636</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	177,055	20,733	197,788	258,259	47,173	305,432	169,671	50,030	219,701
33. Gravel or stone streets, highways, roads, parking lots, etc....	35,763	17,268	53,031	7,684	3,861	11,545	13,899	4,016	17,915
34. Dirt, clay or other streets, roads, parking lots, etc. ....	7,877	2,301	10,178	4,602	2,784	7,386	4,056	2,595	6,651
35. Grading, scraping, oiling, filling .....	2,076	6,419	8,495	2,113	48	2,161	472	54	526
36. Sidewalks, paths.....	4,900	3,759	8,659	4,230	1,621	5,851	4,332	1,623	5,955
37. Aerodromes, landing fields, runways, tarmac.....	1,758	207	1,965	2,401	222	2,623	2,649	239	2,888
<b>Waterworks and sewage systems</b> .....	<b>93,016</b>	<b>16,017</b>	<b>109,033</b>	<b>95,706</b>	<b>12,812</b>	<b>108,518</b>	<b>93,911</b>	<b>16,129</b>	<b>110,040</b>
38. Tile drains, drainage ditches, storm sewers .....	4,752	1,228	5,980	10,252	1,130	11,382	10,037	1,192	11,229
39. Water mains, hydrants and services.....	38,306	6,970	45,276	26,209	6,506	32,715	23,390	6,867	30,257
40. Sewage systems and connections.....	41,737	4,747	46,484	50,719	4,506	55,225	55,236	4,495	59,731
41. Pumping stations, water .....	6,519	714	7,233	5,273	504	5,777	4,700	3,394	8,094
42. Water storage tanks .....	1,702	2,358	4,060	3,253	166	3,419	548	181	729
<b>Dams and irrigation</b> .....	<b>126,166</b>	<b>1,474</b>	<b>127,640</b>	<b>12,266</b>	<b>1,577</b>	<b>13,843</b>	<b>20,850</b>	<b>1,991</b>	<b>22,841</b>
43. Dams and reservoirs.....	122,825	425	123,250	1,194	392	1,586	1,536	755	2,291
44. Irrigation and land reclamation projects .....	3,341	1,049	4,390	11,072	1,185	12,257	19,314	1,236	20,550
<b>Electric power construction</b> .....	<b>186,067</b>	<b>11,128</b>	<b>197,195</b>	<b>302,369</b>	<b>10,414</b>	<b>312,783</b>	<b>296,381</b>	<b>10,943</b>	<b>307,324</b>
45. Electric power generating plants, including water conveying and controlling structures .....	50,857	3,421	54,278	173,204	3,486	176,690	171,536	3,425	174,961
46. Electric transformer stations .....	30,276	951	31,227	26,161	1,014	27,175	26,975	1,071	28,046
47. Power transmission and distribution lines, trolley wires.....	101,916	4,326	106,242	98,112	4,961	103,073	93,442	5,526	98,968
48. Street lighting .....	3,018	2,430	5,448	4,892	953	5,845	4,428	921	5,349
<b>Railway, telephone and telegraph</b> .....	<b>57,984</b>	<b>31,346</b>	<b>89,330</b>	<b>57,856</b>	<b>33,543</b>	<b>91,399</b>	<b>59,912</b>	<b>40,307</b>	<b>100,219</b>
49. Railway tracks and roadbed .....	16,465	17,342	33,807	15,555	19,278	34,833	14,671	24,481	39,152
50. Signals and interlockers .....	1,249	1,804	3,053	1,944	1,871	3,815	1,575	2,319	3,894
51. Telegraph and telephone lines, underground and marine cables .....	40,270	12,200	52,470	40,357	12,394	52,751	43,666	13,507	57,173
<b>Gas and oil facilities</b> .....	<b>28,719</b>	<b>9,097</b>	<b>37,816</b>	<b>21,986</b>	<b>11,186</b>	<b>33,172</b>	<b>28,028</b>	<b>11,474</b>	<b>39,502</b>
52. Gas mains and services.....	7,144	1,371	8,515	7,961	1,326	9,287	5,640	1,071	6,711
53. Pumping stations, oil.....	32	33	65	572	106	678	201	69	270
54. Pumping stations, gas .....	156	—	156	15	—	15	—	—	—
55. Oil storage tanks .....	2,288	718	3,006	3,147	426	3,573	3,925	474	4,399
56. Gas storage tanks.....	43	47	90	145	116	261	685	114	799
57. Oil pipe lines .....	6,419	158	6,577	1,204	150	1,354	5,414	226	5,640
58. Gas pipe lines.....	1,353	24	1,377	3,037	45	3,082	22	41	63
59. Oil wells .....	309	15	324	35	—	35	150	—	150
60. Gas wells.....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	10,975	6,731	17,706	5,870	9,017	14,887	11,991	9,479	21,470
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>145,030</b>	<b>20,364</b>	<b>165,394</b>	<b>156,369</b>	<b>18,200</b>	<b>174,569</b>	<b>110,969</b>	<b>20,138</b>	<b>131,107</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	75,716	8,192	83,908	73,681	6,571	80,252	50,705	7,709	58,414
64. Tunnels and subways.....	30,115	26	30,141	21,643	46	21,689	6,400	250	6,650
65. Incinerators .....	—	2	2	12	2	14	110	2	112
66. Park systems, landscaping, sodding, etc. ....	3,024	423	3,447	8,642	466	9,108	6,948	823	7,771
67. Swimming pools, tennis courts, outdoor recreation facilities ....	687	48	735	6,279	71	6,350	9,335	86	9,421
68. Mine shafts and other below surface workings.....	7,387	607	7,994	6,519	520	7,039	4,854	537	5,391
69. Fences, snowsheds, signs, guard rails.....	5,289	2,264	7,553	5,836	1,813	7,649	5,844	1,987	7,831
70. Other engineering construction.....	22,812	8,802	31,614	33,757	8,711	42,468	26,773	8,744	35,517

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario, 1965-67<sup>1,2,3</sup>

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,532,664</b>	<b>639,110</b>	<b>3,171,774</b>	<b>3,072,432</b>	<b>681,504</b>	<b>3,753,936</b>	<b>3,133,268</b>	<b>731,302</b>	<b>3,864,570</b>
<b>Total building construction .....</b>	<b>1,810,112</b>	<b>408,025</b>	<b>2,218,137</b>	<b>2,158,656</b>	<b>438,079</b>	<b>2,596,735</b>	<b>2,179,164</b>	<b>463,939</b>	<b>2,643,103</b>
<b>Residential .....</b>	<b>802,600</b>	<b>236,200</b>	<b>1,038,800</b>	<b>875,500</b>	<b>252,600</b>	<b>1,128,100</b>	<b>871,000</b>	<b>267,700</b>	<b>1,138,700</b>
<b>Industrial .....</b>	<b>265,574</b>	<b>69,163</b>	<b>334,737</b>	<b>402,166</b>	<b>72,631</b>	<b>474,797</b>	<b>320,265</b>	<b>80,071</b>	<b>400,336</b>
2. Factories, plants, workshops, food canneries ....	249,847	54,881	304,728	327,683	57,976	385,659	260,252	62,527	322,779
3. Mine and mine mill buildings .....	12,825	8,125	20,950	65,239	8,437	73,676	54,803	8,896	63,699
4. Railway stations, offices, roadway buildings .....	1,701	4,205	5,906	7,043	4,108	11,151	3,247	5,699	8,946
5. Railway shops, engine houses, water and fuel stations .....	1,201	1,952	3,153	2,201	2,110	4,311	1,963	2,949	4,912
<b>Commercial .....</b>	<b>335,125</b>	<b>48,224</b>	<b>383,349</b>	<b>406,469</b>	<b>52,470</b>	<b>458,939</b>	<b>432,722</b>	<b>52,919</b>	<b>485,641</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	17,785	4,330	22,115	31,669	5,033	36,702	33,912	5,490	39,402
7. Grain elevators .....	692	895	1,587	1,840	716	2,556	1,331	593	1,924
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	23,960	4,449	28,409	24,607	5,594	30,201	33,670	5,119	38,789
9. Office buildings .....	169,930	16,957	186,887	195,543	18,438	213,981	201,052	18,811	219,863
10. Stores, retail and wholesale .....	69,106	13,173	82,279	87,857	12,866	100,723	84,008	13,357	97,365
11. Garages and service stations .....	18,105	5,996	24,101	22,691	6,265	28,956	44,806	6,505	51,311
12. Theatres, arenas, amusement and recreational buildings .....	34,701	1,937	36,638	42,087	3,029	45,116	33,643	2,580	36,223
13. Laundries and dry cleaning establishments .....	846	487	1,333	175	529	704	300	464	764
<b>Institutional .....</b>	<b>339,695</b>	<b>23,615</b>	<b>363,310</b>	<b>406,050</b>	<b>29,258</b>	<b>435,308</b>	<b>481,210</b>	<b>30,727</b>	<b>511,937</b>
14. Schools and other educational buildings .....	235,340	13,385	248,725	279,819	16,146	295,965	330,687	16,021	346,708
15. Churches and other religious buildings .....	15,184	2,752	17,936	13,684	2,605	16,289	15,465	2,513	17,978
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	58,777	5,945	64,722	72,554	8,658	81,212	99,074	10,113	109,187
17. Other institutional buildings .....	30,394	1,533	31,927	39,993	1,849	41,842	35,984	2,080	38,064
<b>Other building construction .....</b>	<b>67,118</b>	<b>30,823</b>	<b>97,941</b>	<b>68,471</b>	<b>31,120</b>	<b>99,591</b>	<b>73,967</b>	<b>32,522</b>	<b>106,489</b>
18. Farm buildings (excluding dwellings) .....	39,636	21,685	61,321	41,829	22,230	64,059	43,739	23,244	66,983
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	11,433	516	11,949	13,522	474	13,996	13,452	456	13,908
20. Aeroplane hangars .....	91	929	1,020	203	841	1,044	619	903	1,522
21. Passenger terminals, bus, boat or air .....	17	53	70	132	86	218	122	93	215
22. Armouries, barracks, drill halls, etc. ....	2,914	4,457	7,371	3,007	4,538	7,545	3,220	4,878	8,098
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,773	479	2,252	1,536	582	2,118	1,667	447	2,114
24. Other building construction .....	11,254	2,704	13,958	8,242	2,369	10,611	11,148	2,501	13,649
<b>Total engineering construction .....</b>	<b>722,552</b>	<b>231,085</b>	<b>953,637</b>	<b>913,776</b>	<b>243,425</b>	<b>1,157,201</b>	<b>954,104</b>	<b>267,363</b>	<b>1,221,467</b>
<b>Marine construction .....</b>	<b>25,416</b>	<b>8,523</b>	<b>33,939</b>	<b>26,206</b>	<b>9,191</b>	<b>35,397</b>	<b>38,726</b>	<b>9,386</b>	<b>48,112</b>
25. Docks, wharves, piers, breakwaters .....	7,532	1,560	9,092	6,345	1,450	7,795	6,179	1,847	8,026
26. Retaining walls, embankments, riprapping .....	905	298	1,203	3,662	282	3,944	3,231	400	3,631
27. Canals and waterways .....	15,310	4,573	19,883	14,520	5,250	19,770	26,913	4,691	31,604
28. Dredging and pile driving .....	1,390	95	1,485	1,434	124	1,558	2,141	136	2,277
29. Dyke construction .....	—	11	11	—	13	13	—	15	15
30. Logging booms .....	86	86	172	—	78	78	—	56	56
31. Other marine construction .....	193	1,900	2,093	245	1,994	2,239	262	2,241	2,503

See footnotes at end of table.

TABLE 23. Total Value of Construction Work Performed — New and Repair by Type of Structure — Ontario 1965-67<sup>1,2,3</sup> — Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>221,179</b>	<b>75,181</b>	<b>296,360</b>	<b>246,365</b>	<b>77,460</b>	<b>323,825</b>	<b>257,546</b>	<b>79,510</b>	<b>337,056</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	180,002	60,498	240,500	201,295	61,153	262,448	210,472	62,595	273,067
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	31,343	10,015	41,358	33,177	9,970	43,147	36,472	11,356	47,828
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,925	1,614	3,539	2,288	2,433	4,721	1,989	1,689	3,678
35. Grading, scraping, oiling, filling .....	310	217	527	1,114	631	1,745	481	591	1,072
36. Sidewalks, paths .....	7,077	2,077	9,154	7,943	2,501	10,444	7,556	2,447	10,003
37. Aerodromes, landing fields, runways, tarmac .....	522	760	1,282	548	772	1,320	576	832	1,408
<b>Waterworks and sewage systems .....</b>	<b>102,070</b>	<b>20,067</b>	<b>122,137</b>	<b>151,302</b>	<b>21,449</b>	<b>172,751</b>	<b>160,576</b>	<b>22,903</b>	<b>183,479</b>
38. Tile drains, drainage ditches, storm sewers .....	6,825	6,123	12,948	8,813	6,311	15,124	7,349	6,900	14,249
39. Water mains, hydrants and services .....	28,719	7,865	36,584	41,863	8,156	50,019	38,129	8,583	46,712
40. Sewage systems and connections .....	55,504	4,773	60,277	76,997	5,731	82,728	90,804	6,040	96,844
41. Pumping stations, water .....	9,887	921	10,808	22,094	865	22,959	22,174	951	23,125
42. Water storage tanks .....	1,135	385	1,520	1,535	386	1,921	2,120	429	2,549
<b>Dams and irrigation .....</b>	<b>9,034</b>	<b>2,851</b>	<b>11,885</b>	<b>20,826</b>	<b>3,266</b>	<b>24,092</b>	<b>17,927</b>	<b>3,335</b>	<b>21,262</b>
43. Dams and reservoirs .....	4,232	287	4,519	15,507	546	16,053	11,714	482	12,196
44. Irrigation and land reclamation projects .....	4,802	2,564	7,366	5,319	2,720	8,039	6,213	2,853	9,066
<b>Electric power construction .....</b>	<b>115,171</b>	<b>30,099</b>	<b>145,270</b>	<b>148,363</b>	<b>34,999</b>	<b>183,362</b>	<b>168,437</b>	<b>37,153</b>	<b>205,590</b>
45. Electric power generating plants, including water conveying and controlling structures .....	50,297	6,009	56,306	69,238	7,145	76,383	75,171	7,707	82,878
46. Electric transformer stations .....	7,098	2,280	9,378	10,696	3,053	13,749	14,257	3,205	17,462
47. Power transmission and distribution lines, trolley wires .....	52,033	18,554	70,587	61,544	21,771	83,315	71,648	23,037	94,685
48. Street lighting .....	5,743	3,256	8,999	6,885	3,030	9,915	7,361	3,204	10,565
<b>Railway, telephone and telegraph .....</b>	<b>76,115</b>	<b>53,893</b>	<b>130,008</b>	<b>105,475</b>	<b>57,570</b>	<b>163,045</b>	<b>93,005</b>	<b>71,762</b>	<b>164,767</b>
49. Railway tracks and roadbed .....	31,609	31,628	63,237	45,036	33,663	78,699	38,996	46,083	85,079
50. Signals and interlockers .....	1,619	3,577	5,196	3,867	3,176	7,043	2,802	4,228	7,030
51. Telegraph and telephone lines, underground and marine cables .....	42,887	18,688	61,575	56,572	20,731	77,303	51,207	21,451	72,658
<b>Gas and oil facilities .....</b>	<b>55,941</b>	<b>17,632</b>	<b>73,573</b>	<b>81,750</b>	<b>15,589</b>	<b>97,339</b>	<b>69,834</b>	<b>16,555</b>	<b>86,389</b>
52. Gas mains and services .....	23,475	2,042	25,517	35,230	2,169	37,399	30,366	2,240	32,606
53. Pumping stations, oil .....	265	306	571	289	363	652	272	393	665
54. Pumping stations, gas .....	2,431	561	2,992	705	155	860	1,747	1	1,748
55. Oil storage tanks .....	1,106	871	1,977	2,773	856	3,629	3,338	960	4,298
56. Gas storage tanks .....	18	—	18	9	—	9	2,114	1	2,115
57. Oil pipe lines .....	707	764	1,471	52	625	677	23	621	644
58. Gas pipe lines .....	5,751	424	6,175	4,994	369	5,363	15,770	217	15,987
59. Oil wells .....	1,473	195	1,668	1,000	265	1,265	569	211	780
60. Gas wells .....	3,171	543	3,714	1,436	388	1,824	1,334	465	1,799
61. Oil refinery — Processing units <sup>3</sup> .....	17,417	11,921	29,338	35,213	10,389	45,602	14,251	11,436	25,687
62. Natural gas cleaning plants .....	127	5	132	49	10	59	50	10	60
<b>Other engineering construction .....</b>	<b>117,626</b>	<b>22,839</b>	<b>140,465</b>	<b>133,489</b>	<b>23,901</b>	<b>157,390</b>	<b>148,053</b>	<b>26,759</b>	<b>174,812</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	54,265	5,907	60,172	52,274	6,117	58,391	56,903	7,192	64,095
64. Tunnels and subways .....	29,421	172	29,593	31,013	205	31,218	32,443	166	32,609
65. Incinerators .....	78	92	170	82	65	147	248	38	286
66. Park systems, landscaping, sodding, etc. ....	1,918	1,623	3,541	3,415	2,606	6,021	3,447	3,010	6,457
67. Swimming pools, tennis courts, outdoor recreation facilities .....	1,081	639	1,720	1,589	644	2,233	1,384	757	2,141
68. Mine shafts and other below surface workings .....	7,605	1,304	8,909	20,114	1,055	21,169	25,697	1,325	27,022
69. Fences, snowsheds, signs, guard rails .....	8,491	9,818	18,309	9,260	9,865	19,125	11,445	11,001	22,446
70. Other engineering construction .....	14,767	3,284	18,051	15,742	3,344	19,086	16,486	3,270	19,756

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1965-67<sup>1,2,3</sup>

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>323, 755</b>	<b>91, 358</b>	<b>415, 113</b>	<b>402, 802</b>	<b>94, 752</b>	<b>497, 554</b>	<b>456, 201</b>	<b>107, 050</b>	<b>563, 251</b>
<b>Total building construction .....</b>	<b>187, 487</b>	<b>51, 540</b>	<b>239, 027</b>	<b>216, 783</b>	<b>54, 914</b>	<b>271, 697</b>	<b>232, 154</b>	<b>59, 067</b>	<b>291, 221</b>
<b>Residential .....</b>	<b>87, 200</b>	<b>27, 200</b>	<b>114, 400</b>	<b>79, 500</b>	<b>29, 100</b>	<b>108, 600</b>	<b>79, 000</b>	<b>30, 900</b>	<b>109, 900</b>
<b>Industrial .....</b>	<b>22, 604</b>	<b>6, 069</b>	<b>28, 673</b>	<b>28, 110</b>	<b>6, 370</b>	<b>34, 480</b>	<b>30, 010</b>	<b>7, 364</b>	<b>37, 374</b>
2. Factories, plants, workshops, food canneries .....	19, 631	3, 698	23, 329	22, 187	4, 139	26, 326	24, 490	4, 338	28, 828
3. Mine and mine mill buildings .....	2, 007	233	2, 240	3, 965	171	4, 136	3, 231	200	3, 431
4. Railway stations, offices, roadway buildings .....	504	1, 427	1, 931	1, 279	1, 379	2, 658	1, 492	1, 886	3, 378
5. Railway shops, engine houses, water and fuel stations .....	462	711	1, 173	679	681	1, 360	797	940	1, 737
<b>Commercial .....</b>	<b>31, 502</b>	<b>8, 953</b>	<b>40, 455</b>	<b>40, 935</b>	<b>9, 249</b>	<b>50, 184</b>	<b>44, 873</b>	<b>9, 702</b>	<b>54, 575</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5, 217	802	6, 019	6, 460	646	7, 106	5, 589	703	6, 292
7. Grain elevators .....	1, 141	960	2, 101	1, 964	969	2, 933	2, 849	960	3, 809
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2, 947	876	3, 823	3, 475	1, 747	5, 222	3, 235	974	4, 209
9. Office buildings .....	13, 488	2, 369	15, 857	11, 433	2, 646	14, 079	8, 718	3, 187	11, 905
10. Stores, retail and wholesale .....	5, 184	2, 856	8, 040	11, 252	1, 926	13, 178	7, 576	2, 368	9, 944
11. Garages and service stations .....	550	593	1, 143	1, 793	662	2, 455	5, 740	648	6, 388
12. Theatres, arenas, amusement and recreational buildings .....	2, 955	448	3, 403	4, 554	634	5, 188	11, 166	843	12, 009
13. Laundries and dry cleaning establishments .....	20	49	69	4	19	23	—	19	19
<b>Institutional .....</b>	<b>33, 534</b>	<b>3, 822</b>	<b>37, 356</b>	<b>52, 128</b>	<b>4, 076</b>	<b>56, 204</b>	<b>60, 159</b>	<b>4, 791</b>	<b>64, 950</b>
14. Schools and other educational buildings .....	20, 083	2, 270	22, 353	39, 751	2, 359	42, 110	50, 828	3, 033	53, 861
15. Churches and other religious buildings .....	1, 436	176	1, 612	901	181	1, 082	1, 221	133	1, 354
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7, 052	999	8, 051	6, 209	1, 055	7, 264	4, 500	1, 055	5, 555
17. Other institutional buildings .....	4, 963	377	5, 340	5, 267	481	5, 748	3, 610	570	4, 180
<b>Other building construction .....</b>	<b>12, 647</b>	<b>5, 496</b>	<b>18, 143</b>	<b>16, 110</b>	<b>6, 119</b>	<b>22, 229</b>	<b>18, 112</b>	<b>6, 310</b>	<b>24, 422</b>
18. Farm buildings (excluding dwellings) .....	10, 590	3, 521	14, 111	11, 590	3, 821	15, 411	12, 056	3, 979	16, 035
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 081	398	1, 479	1, 968	605	2, 573	3, 605	411	4, 016
20. Aeroplane hangars .....	141	462	603	210	478	688	536	500	1, 036
21. Passenger terminals, bus, boat or air .....	171	1	172	350	1	351	340	1	341
22. Armouries, barracks, drill halls, etc. ....	316	946	1, 262	533	1, 008	1, 541	629	1, 078	1, 707
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	76	94	170	330	112	442	358	107	465
24. Other building construction .....	272	74	346	1, 129	94	1, 223	588	234	822
<b>Total engineering construction .....</b>	<b>136, 268</b>	<b>39, 818</b>	<b>176, 086</b>	<b>186, 019</b>	<b>39, 838</b>	<b>225, 857</b>	<b>224, 047</b>	<b>47, 983</b>	<b>272, 030</b>
<b>Marine construction .....</b>	<b>668</b>	<b>601</b>	<b>1, 269</b>	<b>427</b>	<b>618</b>	<b>1, 045</b>	<b>591</b>	<b>737</b>	<b>1, 328</b>
25. Docks, wharves, piers, breakwaters .....	341	316	657	180	329	509	302	396	698
26. Retaining walls, embankments, riprapping .....	23	17	40	9	1	10	8	1	9
27. Canals and waterways .....	8	10	18	—	11	11	—	11	11
28. Dredging and pile driving .....	25	244	269	12	277	289	14	319	333
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	17	—	17	—	—	—	—	10	10
31. Other marine construction .....	254	14	268	226	—	226	267	—	267

See footnotes at end of table.



TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1965-67<sup>1,2,3</sup>—Concluded

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>46,089</b>	<b>8,156</b>	<b>54,245</b>	<b>57,554</b>	<b>7,376</b>	<b>64,930</b>	<b>50,681</b>	<b>8,803</b>	<b>59,484</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	23,462	4,861	28,323	31,557	4,003	35,560	26,917	4,594	31,511
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	7,239	1,336	8,575	7,474	1,408	8,882	6,239	1,795	8,034
34. Dirt, clay or other streets, roads, parking lots, etc. ....	162	30	192	204	37	241	214	31	245
35. Grading, scraping, oiling, filling .....	11,756	1,376	13,132	13,109	1,457	14,566	11,168	1,915	13,083
36. Sidewalks, paths .....	705	468	1,173	637	380	1,017	750	371	1,121
37. Aerodromes, landing fields, runways, tarmac .....	2,765	85	2,850	4,573	91	4,664	5,393	97	5,490
<b>Waterworks and sewage systems .....</b>	<b>19,024</b>	<b>2,936</b>	<b>21,960</b>	<b>22,743</b>	<b>3,298</b>	<b>26,041</b>	<b>19,725</b>	<b>3,722</b>	<b>23,447</b>
38. Tile drains, drainage ditches, storm sewers .....	1,730	467	2,197	3,364	858	4,222	3,951	1,227	5,178
39. Water mains, hydrants and services .....	5,502	1,765	7,267	6,414	1,746	8,160	6,020	1,766	7,786
40. Sewage systems and connections .....	11,213	558	11,771	11,945	552	12,497	8,954	563	9,517
41. Pumping stations, water .....	311	88	399	461	80	541	472	100	572
42. Water storage tanks .....	268	58	326	559	62	621	328	66	394
<b>Dams and irrigation .....</b>	<b>2,964</b>	<b>670</b>	<b>3,634</b>	<b>15,377</b>	<b>707</b>	<b>16,084</b>	<b>21,531</b>	<b>749</b>	<b>22,280</b>
43. Dams and reservoirs .....	1,667	241	1,908	2,901	236	3,137	3,271	264	3,535
44. Irrigation and land reclamation projects .....	1,297	429	1,726	12,476	471	12,947	18,260	485	18,745
<b>Electric power construction .....</b>	<b>21,202</b>	<b>2,392</b>	<b>23,594</b>	<b>29,386</b>	<b>1,862</b>	<b>31,248</b>	<b>53,970</b>	<b>2,000</b>	<b>55,970</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,564	285	5,849	7,018	396	7,414	31,651	737	32,388
46. Electric transformer stations .....	1,347	1,116	2,463	1,298	134	1,432	1,656	92	1,748
47. Power transmission and distribution lines, trolley wires .....	12,837	453	13,290	19,152	805	19,957	18,725	619	19,344
48. Street lighting .....	1,454	538	1,992	1,918	527	2,445	1,938	552	2,490
<b>Railway, telephone and telegraph .....</b>	<b>15,563</b>	<b>16,349</b>	<b>31,912</b>	<b>19,615</b>	<b>17,452</b>	<b>37,067</b>	<b>26,586</b>	<b>22,684</b>	<b>49,270</b>
49. Railway tracks and roadbed .....	5,582	10,827	16,409	8,664	11,570	20,234	14,627	15,985	30,612
50. Signals and interlockers .....	1,299	788	2,087	1,189	987	2,176	1,397	1,353	2,750
51. Telegraph and telephone lines, underground and marine cables .....	8,682	4,734	13,416	9,762	4,895	14,657	10,562	5,346	15,908
<b>Gas and oil facilities .....</b>	<b>11,837</b>	<b>1,650</b>	<b>13,487</b>	<b>13,208</b>	<b>979</b>	<b>14,187</b>	<b>10,665</b>	<b>967</b>	<b>11,632</b>
52. Gas mains and services .....	3,529	565	4,094	3,588	7	3,595	3,312	—	3,312
53. Pumping stations, oil .....	137	310	447	3,006	243	3,249	295	266	561
54. Pumping stations, gas .....	32	31	63	196	35	231	1,557	—	1,557
55. Oil storage tanks .....	568	167	735	489	262	751	241	290	531
56. Gas storage tanks .....	7	—	7	195	—	195	492	—	492
57. Oil pipe lines .....	484	161	645	160	116	276	2,418	114	2,532
58. Gas pipe lines .....	5,347	38	5,385	4,518	42	4,560	931	—	931
59. Oil wells .....	1,733	378	2,111	1,056	259	1,315	1,419	282	1,701
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	15	15	—	15	15
<b>Other engineering construction .....</b>	<b>18,921</b>	<b>7,064</b>	<b>25,985</b>	<b>27,709</b>	<b>7,546</b>	<b>35,255</b>	<b>40,298</b>	<b>8,321</b>	<b>48,619</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	7,786	2,373	10,159	7,092	2,507	9,599	10,620	3,134	13,754
64. Tunnels and subways .....	6	—	6	—	1	1	—	—	—
65. Incinerators .....	6	1	7	10	1	11	12	1	13
66. Park systems, landscaping, sodding, etc. ....	320	156	476	279	135	414	311	151	462
67. Swimming pools, tennis courts, outdoor recreation facilities....	124	70	194	40	73	113	46	79	125
68. Mine shafts and other below surface workings .....	7,023	899	7,922	13,410	1,248	14,658	16,566	1,327	17,893
69. Fences, snowsheds, signs, guard rails .....	1,816	836	2,652	3,352	875	4,227	3,252	1,000	4,252
70. Other engineering construction .....	1,840	2,729	4,569	3,526	2,706	6,232	9,491	2,629	12,120

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

**TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1965 - 67<sup>1,2,3,4</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>471,464</b>	<b>93,519</b>	<b>564,983</b>	<b>561,246</b>	<b>101,447</b>	<b>662,693</b>	<b>590,015</b>	<b>111,649</b>	<b>701,664</b>
<b>Total building construction .....</b>	<b>226,905</b>	<b>50,912</b>	<b>277,817</b>	<b>259,831</b>	<b>52,727</b>	<b>312,558</b>	<b>286,007</b>	<b>55,727</b>	<b>341,734</b>
<b>Residential .....</b>	<b>105,700</b>	<b>26,600</b>	<b>132,300</b>	<b>101,800</b>	<b>28,400</b>	<b>130,200</b>	<b>101,300</b>	<b>30,100</b>	<b>131,400</b>
<b>Industrial .....</b>	<b>27,732</b>	<b>2,764</b>	<b>30,496</b>	<b>38,475</b>	<b>2,871</b>	<b>41,346</b>	<b>50,408</b>	<b>3,651</b>	<b>54,059</b>
2. Factories, plants, workshops, food canneries .....	12,758	1,054	13,812	12,518	949	13,467	22,700	1,027	23,727
3. Mine and mine mill buildings .....	14,275	277	14,552	24,780	185	24,965	26,515	228	26,743
4. Railway stations, offices, roadway buildings .....	463	1,014	1,477	769	1,150	1,919	781	1,585	2,366
5. Railway shops, engine houses, water and fuel stations .....	236	419	655	408	587	995	412	811	1,223
<b>Commercial .....</b>	<b>35,433</b>	<b>7,949</b>	<b>43,382</b>	<b>47,298</b>	<b>7,536</b>	<b>54,834</b>	<b>50,336</b>	<b>7,575</b>	<b>57,911</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,315	500	3,815	4,147	433	4,580	5,567	455	6,022
7. Grain elevators .....	4,921	3,184	8,105	3	3	6	7,223	2,914	10,137
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	5,888	1,045	6,933	3,045	652	3,697	2,295	546	2,841
9. Office buildings .....	4,653	1,166	5,819	15,606	4,505	20,111	8,075	1,403	9,478
10. Stores, retail and wholesale .....	8,276	1,370	9,646	12,666	1,231	13,897	13,810	1,481	15,291
11. Garages and service stations .....	1,763	467	2,230	2,438	423	2,861	6,195	536	6,731
12. Theatres, arenas, amusement and recreational buildings .....	6,050	157	6,207	9,393	270	9,663	7,171	234	7,405
13. Laundries and dry cleaning establishments .....	567	60	627	—	19	19	—	6	6
<b>Institutional .....</b>	<b>35,950</b>	<b>4,498</b>	<b>40,448</b>	<b>50,373</b>	<b>4,726</b>	<b>55,099</b>	<b>60,448</b>	<b>4,946</b>	<b>65,394</b>
14. Schools and other educational buildings .....	28,308	2,695	31,003	39,734	2,955	42,689	48,248	3,127	51,375
15. Churches and other religious buildings .....	2,881	238	3,119	1,944	171	2,115	2,776	155	2,931
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,448	1,404	3,852	6,318	1,343	7,661	6,306	1,505	7,811
17. Other institutional buildings .....	2,313	161	2,474	2,377	257	2,634	3,118	159	3,277
<b>Other building construction .....</b>	<b>22,090</b>	<b>9,101</b>	<b>31,191</b>	<b>21,885</b>	<b>9,194</b>	<b>31,079</b>	<b>23,515</b>	<b>9,455</b>	<b>32,970</b>
18. Farm buildings (excluding dwellings) .....	20,274	8,099	28,373	19,135	7,707	26,842	19,941	8,035	27,976
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,253	226	1,479	1,758	213	1,971	2,419	220	2,639
20. Aeroplane hangars .....	23	24	47	29	119	148	13	26	39
21. Passenger terminals, bus, boat or air .....	33	1	34	2	21	23	100	23	123
22. Armouries, barracks, drill halls, etc. ....	91	641	732	73	638	711	52	681	733
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	20	26	46	282	16	298	214	18	232
24. Other building construction .....	396	84	480	606	480	1,086	776	452	1,228
<b>Total engineering construction .....</b>	<b>244,559</b>	<b>42,607</b>	<b>287,166</b>	<b>301,415</b>	<b>48,720</b>	<b>350,135</b>	<b>304,008</b>	<b>55,922</b>	<b>359,930</b>
<b>Marine construction .....</b>	<b>33</b>	<b>65</b>	<b>98</b>	<b>100</b>	<b>89</b>	<b>189</b>	<b>125</b>	<b>126</b>	<b>251</b>
25. Docks, wharves, piers, breakwaters .....	33	61	94	90	88	178	117	125	242
26. Retaining walls, embankments, riprapping .....	—	—	—	10	—	10	8	—	8
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	1	1	—	1	1	—	1	1
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	3	3	—	—	—	—	—	—

See footnotes at end of table.



**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1965-67<sup>1,2,3,4</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>47,767</b>	<b>10,052</b>	<b>57,819</b>	<b>59,692</b>	<b>11,565</b>	<b>71,257</b>	<b>57,534</b>	<b>12,339</b>	<b>69,873</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	34,546	6,528	41,074	47,581	8,594	56,175	46,441	9,310	55,751
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	9,988	3,312	13,300	7,989	2,388	10,377	7,419	2,336	9,755
34. Dirt, clay or other streets, roads, parking lots, etc. ....	33	14	47	1,359	356	1,715	1,226	467	1,693
35. Grading, scraping, oiling, filling .....	471	41	512	71	47	118	163	41	204
36. Sidewalks, paths .....	1,846	137	1,983	1,987	148	2,135	1,767	156	1,923
37. Aerodromes, landing fields, runways, tarmac .....	883	20	903	705	32	737	518	29	547
<b>Waterworks and sewage systems .....</b>	<b>13,916</b>	<b>3,618</b>	<b>17,534</b>	<b>10,337</b>	<b>3,856</b>	<b>14,193</b>	<b>11,226</b>	<b>4,281</b>	<b>15,507</b>
38. Tile drains, drainage ditches, storm sewers .....	2,215	897	3,112	2,108	861	2,969	2,260	904	3,164
39. Water mains, hydrants and services .....	5,077	1,831	6,908	3,541	1,714	5,255	3,827	1,763	5,590
40. Sewage systems and connections .....	5,629	655	6,284	3,941	810	4,751	3,791	1,148	4,939
41. Pumping stations, water .....	453	111	564	179	338	517	991	343	1,334
42. Water storage tanks .....	542	124	666	568	133	701	357	123	480
<b>Dams and irrigation .....</b>	<b>28,223</b>	<b>2,236</b>	<b>30,459</b>	<b>25,833</b>	<b>2,111</b>	<b>27,944</b>	<b>22,255</b>	<b>2,219</b>	<b>24,474</b>
43. Dams and reservoirs .....	25,751	1,020	26,771	17,884	945	18,829	12,513	999	13,512
44. Irrigation and land reclamation projects .....	2,472	1,216	3,688	7,949	1,166	9,115	9,742	1,220	10,962
<b>Electric power construction .....</b>	<b>23,370</b>	<b>2,652</b>	<b>26,022</b>	<b>36,388</b>	<b>2,259</b>	<b>38,647</b>	<b>43,987</b>	<b>2,384</b>	<b>46,371</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,910	706	4,616	16,238	617	16,855	26,277	675	26,952
46. Electric transformer stations .....	1,715	254	1,969	3,622	188	3,810	1,677	203	1,880
47. Power transmission and distribution lines, trolley wires .....	16,763	1,546	18,309	15,164	1,283	16,447	14,443	1,326	15,769
48. Street lighting .....	982	146	1,128	1,364	171	1,535	1,590	180	1,770
<b>Railway, telephone and telegraph .....</b>	<b>11,251</b>	<b>12,756</b>	<b>24,007</b>	<b>13,119</b>	<b>12,641</b>	<b>25,760</b>	<b>15,524</b>	<b>16,917</b>	<b>32,441</b>
49. Railway tracks and roadbed .....	5,942	10,031	15,973	6,324	9,901	16,225	6,898	13,696	20,594
50. Signals and interlockers .....	301	646	947	653	850	1,503	629	1,163	1,792
51. Telegraph and telephone lines, underground and marine cables .....	5,008	2,079	7,087	6,142	1,890	8,032	7,997	2,058	10,055
<b>Gas and oil facilities .....</b>	<b>66,863</b>	<b>7,043</b>	<b>73,906</b>	<b>56,617</b>	<b>11,752</b>	<b>68,369</b>	<b>55,848</b>	<b>12,668</b>	<b>68,516</b>
52. Gas mains and services .....	3,204	140	3,344	3,626	360	3,986	3,599	357	3,956
53. Pumping stations, oil .....	1,133	297	1,430	3,328	223	3,551	2,557	247	2,804
54. Pumping stations, gas .....	62	51	113	351	53	404	1,702	2	1,704
55. Oil storage tanks .....	482	235	717	548	235	783	470	335	805
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	58,243	4,260	62,503	43,505	8,121	51,626	42,373	9,726	52,099
60. Gas wells .....	3,140	230	3,370	3,947	623	4,570	1,557	308	1,865
61. Oil refinery—Processing units <sup>4</sup> .....	385	1,586	1,971	680	2,035	2,715	769	1,586	2,355
62. Natural gas cleaning plants .....	214	244	458	632	102	734	2,821	107	2,928
<b>Other engineering construction .....</b>	<b>53,136</b>	<b>4,185</b>	<b>57,321</b>	<b>99,329</b>	<b>4,447</b>	<b>103,776</b>	<b>97,509</b>	<b>4,988</b>	<b>102,497</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,581	727	6,308	9,393	921	10,314	7,021	1,364	8,385
64. Tunnels and subways .....	460	—	460	247	—	247	522	—	522
65. Incinerators .....	7	—	7	38	1	39	4	2	6
66. Park systems, landscaping, sodding, etc. ....	263	66	329	626	293	919	777	318	1,095
67. Swimming pools, tennis courts, outdoor recreation facilities....	160	27	187	210	58	268	165	66	231
68. Mine shafts and other below surface workings .....	23,782	296	24,078	60,741	336	61,077	64,325	305	64,630
69. Fences, snowsheds, signs, guard rails .....	3,218	1,463	4,681	3,132	1,354	4,486	3,269	1,478	4,747
70. Other engineering construction .....	19,665	1,606	21,271	24,942	1,484	26,426	21,426	1,455	22,881

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

<sup>4</sup> Items 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1965-67<sup>1, 2, 3</sup>**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>916,101</b>	<b>177,565</b>	<b>1,093,666</b>	<b>1,071,771</b>	<b>177,929</b>	<b>1,249,700</b>	<b>1,095,129</b>	<b>194,774</b>	<b>1,289,903</b>
<b>Total building construction .....</b>	<b>386,632</b>	<b>92,922</b>	<b>479,554</b>	<b>465,807</b>	<b>99,507</b>	<b>565,314</b>	<b>495,084</b>	<b>105,439</b>	<b>600,523</b>
<b>Residential .....</b>	<b>164,500</b>	<b>50,700</b>	<b>215,200</b>	<b>155,500</b>	<b>54,200</b>	<b>209,700</b>	<b>154,700</b>	<b>57,400</b>	<b>212,100</b>
<b>Industrial .....</b>	<b>16,481</b>	<b>7,271</b>	<b>23,752</b>	<b>12,466</b>	<b>6,140</b>	<b>18,606</b>	<b>15,872</b>	<b>6,759</b>	<b>22,631</b>
1. Factories, plants, workshops, food canneries .....	15,494	5,463	20,957	10,665	4,190	14,855	13,932	4,208	18,140
2. Mine and mine mill buildings .....	142	—	142	40	49	89	16	32	48
3. Railway stations, offices, roadway buildings .....	629	1,239	1,868	1,149	1,281	2,430	1,247	1,689	2,936
4. Railway shops, engine houses, water and fuel stations .....	216	569	785	612	620	1,232	677	830	1,507
<b>Commercial .....</b>	<b>73,993</b>	<b>15,955</b>	<b>89,948</b>	<b>102,144</b>	<b>17,912</b>	<b>120,056</b>	<b>99,566</b>	<b>17,544</b>	<b>117,110</b>
1. Warehouses, storehouses, refrigerated storage, etc .....	5,434	1,117	6,551	13,454	1,618	15,072	16,550	1,686	18,236
2. Grain elevators .....	1,805	1,723	3,528	2,157	1,592	3,749	2,976	1,445	4,421
3. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	5,410	1,518	6,928	11,784	1,570	13,354	5,526	1,324	6,850
4. Office buildings .....	32,473	6,696	39,169	45,296	8,600	53,896	41,131	8,440	49,571
5. Stores, retail and wholesale .....	18,576	2,732	21,308	11,456	2,645	14,101	15,622	2,836	18,458
6. Garages and service stations .....	3,673	1,159	4,832	4,018	1,092	5,110	6,905	1,151	8,056
7. Theatres, arenas, amusement and recreational buildings .....	6,589	927	7,516	13,954	731	14,685	10,836	610	11,446
8. Laundries and dry cleaning establishments .....	33	83	116	25	64	89	20	52	72
<b>Institutional .....</b>	<b>94,058</b>	<b>9,070</b>	<b>103,128</b>	<b>153,825</b>	<b>9,587</b>	<b>163,412</b>	<b>186,245</b>	<b>11,274</b>	<b>197,519</b>
1. Schools and other educational buildings .....	59,031	4,729	63,760	90,370	5,117	95,487	116,299	6,348	122,647
2. Churches and other religious buildings .....	2,298	323	2,621	3,142	373	3,515	3,195	430	3,625
3. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	20,779	2,776	23,555	27,699	1,026	28,725	27,710	1,066	28,776
4. Other institutional buildings .....	11,950	1,242	13,192	32,614	3,071	35,685	39,041	3,430	42,471
<b>Other building construction .....</b>	<b>37,600</b>	<b>9,926</b>	<b>47,526</b>	<b>41,872</b>	<b>11,668</b>	<b>53,540</b>	<b>38,701</b>	<b>12,462</b>	<b>51,163</b>
1. Farm buildings (excluding dwellings) .....	28,119	7,552	35,671	30,292	8,137	38,429	31,943	8,552	40,495
2. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,721	464	5,185	6,014	582	6,596	2,196	635	2,831
3. Aeroplane hangars .....	33	203	236	30	328	358	114	345	459
4. Passenger terminals, bus, boat or air .....	208	38	246	217	73	290	222	47	269
5. Armouries, barracks, drill halls, etc. ....	514	801	1,315	466	804	1,270	485	865	1,350
6. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	401	165	566	1,588	133	1,721	934	141	1,075
7. Other building construction .....	3,604	703	4,307	3,265	1,611	4,876	2,807	1,877	4,684
<b>Total engineering construction .....</b>	<b>529,469</b>	<b>84,643</b>	<b>614,112</b>	<b>605,964</b>	<b>78,422</b>	<b>684,386</b>	<b>600,045</b>	<b>89,335</b>	<b>689,380</b>
<b>Marine construction .....</b>	<b>293</b>	<b>591</b>	<b>884</b>	<b>1,074</b>	<b>622</b>	<b>1,696</b>	<b>467</b>	<b>701</b>	<b>1,168</b>
1. Docks, wharves, piers, breakwaters .....	48	250	298	850	280	1,130	235	332	567
2. Retaining walls, embankments, riprapping .....	49	—	49	46	—	46	47	—	47
3. Canals and waterways .....	—	—	—	—	—	—	—	—	—
4. Dredging and pile driving .....	—	302	302	—	303	303	—	327	327
5. Dyke construction .....	—	3	3	—	3	3	—	3	3
6. Logging booms .....	—	—	—	—	—	—	—	—	—
7. Other marine construction .....	196	36	232	178	36	214	185	39	224

See footnotes at end of table.

**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1965-67<sup>1,2,3</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>65,826</b>	<b>28,445</b>	<b>94,271</b>	<b>70,296</b>	<b>17,439</b>	<b>87,735</b>	<b>88,290</b>	<b>20,430</b>	<b>108,720</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	39,695	20,022	59,717	45,339	12,367	57,706	57,340	14,106	71,446
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	12,493	7,838	20,331	12,682	3,767	16,449	17,177	4,649	21,826
34. Dirt, clay or other streets, roads, parking lots, etc. ....	574	220	794	399	194	593	389	189	578
35. Grading, scraping, oiling, filling .....	8,430	41	8,471	8,141	696	8,837	9,722	903	10,625
36. Sidewalks, paths .....	2,435	246	2,681	1,765	306	2,071	1,932	446	2,378
37. Aerodromes, landing fields, runways, tarmac .....	2,199	78	2,277	1,970	109	2,079	1,730	137	1,867
<b>Waterworks and sewage systems .....</b>	<b>21,018</b>	<b>4,353</b>	<b>25,371</b>	<b>26,327</b>	<b>5,660</b>	<b>31,987</b>	<b>25,482</b>	<b>5,208</b>	<b>30,690</b>
38. Tile drains, drainage ditches, storm sewers .....	3,088	821	3,909	5,146	888	6,034	6,680	930	7,610
39. Water mains, hydrants and services .....	6,125	2,763	8,888	7,686	3,256	10,942	8,305	3,251	11,556
40. Sewage systems and connections .....	8,755	502	9,257	11,711	1,223	12,934	8,338	765	9,103
41. Pumping stations, water .....	2,571	137	2,708	1,179	156	1,335	392	122	514
42. Water storage tanks .....	479	130	609	605	137	742	1,767	140	1,907
<b>Dams and irrigation .....</b>	<b>5,648</b>	<b>1,910</b>	<b>7,558</b>	<b>7,024</b>	<b>1,941</b>	<b>8,965</b>	<b>7,509</b>	<b>2,064</b>	<b>9,573</b>
43. Dams and reservoirs .....	1,638	322	1,960	1,748	323	2,071	1,821	347	2,168
44. Irrigation and land reclamation projects .....	4,010	1,588	5,598	5,276	1,618	6,894	5,688	1,717	7,405
<b>Electric power construction .....</b>	<b>20,455</b>	<b>4,210</b>	<b>24,665</b>	<b>17,445</b>	<b>3,557</b>	<b>21,002</b>	<b>23,870</b>	<b>4,756</b>	<b>28,626</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,908	408	4,316	2,331	482	2,813	5,112	422	5,534
46. Electric transformer stations .....	1,831	411	2,242	2,720	651	3,371	2,195	517	2,712
47. Power transmission and distribution lines, trolley wires .....	12,294	2,629	14,923	9,817	1,737	11,554	13,659	3,050	16,709
48. Street lighting .....	2,422	762	3,184	2,577	687	3,264	2,904	767	3,671
<b>Railway, telephone and telegraph .....</b>	<b>30,055</b>	<b>14,824</b>	<b>44,879</b>	<b>37,159</b>	<b>15,962</b>	<b>53,121</b>	<b>56,577</b>	<b>20,231</b>	<b>76,808</b>
49. Railway tracks and roadbed .....	13,330	10,908	24,238	22,110	11,428	33,538	37,503	14,958	52,461
50. Signals and interlockers .....	350	733	1,083	1,087	890	1,977	1,181	1,186	2,367
51. Telegraph and telephone lines, underground and marine cables .....	16,375	3,183	19,558	13,962	3,644	17,606	17,893	4,087	21,980
<b>Gas and oil facilities .....</b>	<b>321,110</b>	<b>23,160</b>	<b>344,270</b>	<b>322,240</b>	<b>24,616</b>	<b>346,856</b>	<b>309,756</b>	<b>25,739</b>	<b>335,495</b>
52. Gas mains and services .....	3,136	954	4,090	6,020	933	6,953	5,986	1,096	7,082
53. Pumping stations, oil .....	525	119	644	2,551	549	3,100	3,332	596	3,928
54. Pumping stations, gas .....	923	62	985	6,063	81	6,144	5,969	121	6,090
55. Oil storage tanks .....	1,140	302	1,442	349	378	727	1,256	461	1,717
56. Gas storage tanks .....	611	10	621	—	—	—	—	—	—
57. Oil pipe lines .....	25,803	394	26,197	56,197	792	56,989	21,028	687	21,715
58. Gas pipe lines .....	27,187	400	27,587	4,080	393	4,473	1,676	412	2,088
59. Oil wells .....	174,376	8,807	183,183	168,522	9,386	177,908	155,938	8,715	164,653
60. Gas wells .....	53,782	2,820	56,602	56,376	3,823	60,199	77,671	5,310	82,981
61. Oil refinery — Processing units <sup>3</sup> .....	3,390	2,961	6,351	725	3,140	3,865	2,020	3,008	5,028
62. Natural gas cleaning plants .....	30,237	6,331	36,568	21,357	5,141	26,498	34,880	5,333	40,213
<b>Other engineering construction .....</b>	<b>65,064</b>	<b>7,150</b>	<b>72,214</b>	<b>124,399</b>	<b>8,625</b>	<b>133,024</b>	<b>88,094</b>	<b>10,206</b>	<b>98,300</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,910	4,401	15,311	15,825	4,490	20,315	29,822	5,506	35,328
64. Tunnels and subways .....	145	—	145	132	—	132	137	—	137
65. Incinerators .....	26	—	26	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	552	379	931	761	826	1,587	1,022	914	1,936
67. Swimming pools, tennis courts, outdoor recreation facilities ....	80	64	144	73	64	137	75	69	144
68. Mine shafts and other below surface workings .....	331	40	371	131	2	133	107	—	107
69. Fences, snowsheds, signs, guard rails .....	4,433	1,467	5,900	4,865	1,517	6,382	5,028	1,631	6,659
70. Other engineering construction .....	48,587	799	49,386	102,612	1,726	104,338	51,903	2,086	53,989

<sup>1</sup> Actual 1965, Preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



**TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure - British Columbia, 1965-67**<sup>1,2,3,4,5</sup>

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,077,474</b>	<b>191,013</b>	<b>1,268,487</b>	<b>1,213,005</b>	<b>203,242</b>	<b>1,416,247</b>	<b>1,294,044</b>	<b>216,948</b>	<b>1,510,992</b>
<b>Total building construction .....</b>	<b>576,012</b>	<b>122,232</b>	<b>698,244</b>	<b>638,118</b>	<b>125,814</b>	<b>763,932</b>	<b>627,549</b>	<b>134,009</b>	<b>761,558</b>
<b>Residential .....</b>	<b>276,400</b>	<b>73,000</b>	<b>349,400</b>	<b>294,900</b>	<b>78,100</b>	<b>373,000</b>	<b>293,400</b>	<b>82,700</b>	<b>376,100</b>
<b>Industrial .....</b>	<b>96,777</b>	<b>16,706</b>	<b>113,483</b>	<b>106,753</b>	<b>14,947</b>	<b>121,700</b>	<b>66,806</b>	<b>15,899</b>	<b>82,705</b>
2. Factories, plants, workshops, food canneries ....	82,897	14,433	97,330	87,316	12,596	99,912	52,772	12,883	65,655
3. Mine and mine mill buildings .....	12,041	479	12,520	16,170	352	16,522	11,185	339	11,524
4. Railway stations, offices, roadway buildings .....	1,470	1,260	2,730	1,786	1,328	3,114	1,869	1,778	3,647
5. Railway shops, engine houses, water and fuel stations .....	369	534	903	1,481	671	2,152	980	899	1,879
<b>Commercial .....</b>	<b>88,171</b>	<b>12,782</b>	<b>100,953</b>	<b>100,149</b>	<b>15,030</b>	<b>115,179</b>	<b>130,990</b>	<b>16,463</b>	<b>147,453</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	11,521	1,797	13,318	15,572	1,471	17,043	12,147	1,598	13,745
7. Grain elevators .....	151	158	309	4,345	479	4,824	19,128	506	19,634
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	11,668	2,081	13,749	8,415	2,033	10,448	12,154	2,073	14,227
9. Office buildings .....	25,566	3,150	28,716	26,740	5,532	32,272	34,198	6,304	40,502
10. Stores, retail and wholesale .....	18,606	3,443	22,049	24,304	3,260	27,564	24,450	3,487	27,937
11. Garages and service stations .....	4,958	1,041	5,999	4,221	959	5,180	10,600	1,110	11,710
12. Theatres, arenas, amusement and recreational buildings .....	15,458	998	16,456	16,476	1,182	17,658	17,775	1,241	19,016
13. Laundries and dry cleaning establishments .....	243	114	357	76	114	190	538	144	682
<b>Institutional .....</b>	<b>87,873</b>	<b>10,213</b>	<b>98,086</b>	<b>111,362</b>	<b>11,076</b>	<b>122,438</b>	<b>111,190</b>	<b>12,093</b>	<b>123,283</b>
14. Schools and other educational buildings .....	59,699	3,835	63,534	82,093	5,541	87,634	59,884	6,123	66,007
15. Churches and other religious buildings .....	3,040	1,125	4,165	2,962	169	3,131	1,633	196	1,829
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,969	2,217	13,186	16,438	4,138	20,576	37,573	4,477	42,050
17. Other institutional buildings .....	14,165	3,036	17,201	9,869	1,228	11,097	12,100	1,297	13,397
<b>Other building construction .....</b>	<b>26,791</b>	<b>9,531</b>	<b>36,322</b>	<b>24,954</b>	<b>6,661</b>	<b>31,615</b>	<b>25,163</b>	<b>6,854</b>	<b>32,017</b>
18. Farm buildings (excluding dwellings) .....	6,348	1,510	7,858	6,135	1,465	7,600	6,546	1,539	8,085
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,928	559	4,487	4,806	578	5,384	3,883	614	4,497
20. Aeroplane hangars .....	40	258	298	274	779	1,053	1,442	806	2,248
21. Passenger terminals, bus, boat or air .....	2,615	29	2,644	3,148	9	3,157	4,230	9	4,239
22. Armouries, barracks, drill halls, etc. ....	472	1,595	2,067	571	1,620	2,191	754	1,756	2,510
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6,423	1,710	8,133	7,765	1,381	9,146	7,210	1,225	8,435
24. Other building construction .....	6,965	3,870	10,835	2,255	829	3,084	1,098	905	2,003
<b>Total engineering construction .....</b>	<b>501,462</b>	<b>68,781</b>	<b>570,243</b>	<b>574,887</b>	<b>77,428</b>	<b>652,315</b>	<b>666,495</b>	<b>82,939</b>	<b>749,434</b>
<b>Marine construction .....</b>	<b>13,179</b>	<b>4,889</b>	<b>18,068</b>	<b>18,506</b>	<b>7,180</b>	<b>25,686</b>	<b>17,437</b>	<b>6,940</b>	<b>24,377</b>
25. Docks, wharves, piers, breakwaters .....	9,491	2,668	12,159	12,680	5,383	18,063	9,282	5,072	14,354
26. Retaining walls, embankments, riprapping .....	181	36	217	311	28	339	1,271	57	1,328
27. Canals and waterways .....	106	90	196	149	108	257	198	84	282
28. Dredging and pile driving .....	1,306	1,244	2,550	2,930	1,276	4,206	3,991	1,440	5,431
29. Dyke construction .....	55	31	86	64	6	70	85	10	95
30. Logging booms .....	308	660	968	428	249	677	304	136	440
31. Other marine construction .....	1,732	160	1,892	1,944	130	2,074	2,306	141	2,447

See footnotes at end of table.



**TABLE 27. Total Value of Construction Work Performed—New and Repair by Type of Structure—British Columbia, 1965-67<sup>1,2,3,4,5</sup>—Concluded**

Type of structure	1965			1966			1967		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>124,826</b>	<b>24,731</b>	<b>149,557</b>	<b>126,871</b>	<b>27,179</b>	<b>154,050</b>	<b>129,253</b>	<b>28,068</b>	<b>157,321</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	29,320	3,813	33,133	33,351	4,061	37,412	30,309	4,484	34,793
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	65,763	13,932	79,695	32,608	8,077	40,685	32,685	8,261	40,946
34. Dirt, clay or other streets, roads, parking lots, etc. ....	22,175	6,399	28,574	37,169	9,936	47,105	38,422	10,020	48,442
35. Grading, scraping, oiling, filling .....	1,176	106	1,282	16,933	4,870	21,803	19,218	5,048	24,266
36. Sidewalks, paths .....	1,795	409	2,204	1,263	158	1,421	1,290	176	1,466
37. Aerodromes, landing fields, runways, tarmac .....	4,597	72	4,669	5,547	77	5,624	7,329	79	7,408
<b>Waterworks and sewage systems</b> .....	<b>41,884</b>	<b>4,550</b>	<b>46,434</b>	<b>33,802</b>	<b>5,850</b>	<b>39,652</b>	<b>25,893</b>	<b>4,851</b>	<b>30,744</b>
38. Tile drains, drainage ditches, storm sewers .....	1,734	217	1,951	1,137	184	1,321	1,482	197	1,679
39. Water mains, hydrants and services .....	15,567	2,828	18,395	14,223	2,970	17,193	12,176	3,186	15,362
40. Sewage systems and connections .....	22,467	1,119	23,586	16,719	2,456	19,175	10,872	1,259	12,131
41. Pumping stations, water .....	1,387	205	1,592	1,311	181	1,492	458	155	613
42. Water storage tanks .....	729	181	910	412	59	471	905	54	959
<b>Dams and irrigation</b> .....	<b>107,619</b>	<b>317</b>	<b>107,936</b>	<b>118,718</b>	<b>633</b>	<b>119,351</b>	<b>152,340</b>	<b>569</b>	<b>152,909</b>
43. Dams and reservoirs .....	106,891	122	107,013	117,951	442	118,393	151,484	370	151,854
44. Irrigation and land reclamation projects .....	728	195	923	767	191	958	856	199	1,055
<b>Electric power construction</b> .....	<b>77,537</b>	<b>6,242</b>	<b>83,779</b>	<b>139,678</b>	<b>7,205</b>	<b>146,883</b>	<b>147,382</b>	<b>7,539</b>	<b>154,921</b>
45. Electric power generating plants, including water conveying and controlling structures .....	18,174	2,105	20,279	68,879	2,564	71,443	42,063	2,630	44,693
46. Electric transformer stations .....	1,487	342	1,829	881	83	964	427	103	530
47. Power transmission and distribution lines, trolley wires .....	55,766	3,629	59,395	68,031	4,395	72,426	103,186	4,445	107,631
48. Street lighting .....	2,110	166	2,276	1,887	163	2,050	1,706	361	2,067
<b>Railway, telephone and telegraph</b> .....	<b>39,196</b>	<b>17,286</b>	<b>56,482</b>	<b>37,810</b>	<b>18,042</b>	<b>55,852</b>	<b>40,226</b>	<b>22,378</b>	<b>62,604</b>
49. Railway tracks and roadbed .....	24,853	11,719	36,572	20,640	12,985	33,625	19,398	16,861	36,259
50. Signals and interlockers .....	1,407	766	2,173	1,470	937	2,407	2,198	1,247	3,445
51. Telegraph and telephone lines, underground and marine cables .....	12,936	4,801	17,737	15,700	4,120	19,820	18,630	4,270	22,900
<b>Gas and oil facilities</b> .....	<b>61,969</b>	<b>4,459</b>	<b>66,428</b>	<b>53,806</b>	<b>5,115</b>	<b>58,921</b>	<b>76,339</b>	<b>5,606</b>	<b>81,945</b>
52. Gas mains and services .....	4,922	454	5,376	5,464	543	6,007	5,151	581	5,732
53. Pumping stations, oil .....	145	135	280	1,898	185	2,083	639	183	822
54. Pumping stations, gas .....	43	27	70	265	2	267	180	2	182
55. Oil storage tanks .....	773	366	1,139	1,434	435	1,869	1,624	461	2,085
56. Gas storage tanks .....	659	23	682	3,727	12	3,739	73	14	87
57. Oil pipe lines .....	660	332	992	1,546	187	1,733	996	158	1,154
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	39,438	964	40,402	27,157	1,115	28,272	38,756	958	39,714
60. Gas wells .....	6,556	121	6,677	7,855	148	8,003	4,697	62	4,759
61. Oil refinery—Processing units <sup>4</sup> .....	1,683	1,935	3,618	4,340	2,359	6,699	11,170	3,047	14,217
62. Natural gas cleaning plants .....	7,090	102	7,192	120	129	249	13,053	140	13,193
<b>Other engineering construction</b> .....	<b>35,252</b>	<b>6,307</b>	<b>41,559</b>	<b>45,696</b>	<b>6,224</b>	<b>51,920</b>	<b>77,625</b>	<b>6,988</b>	<b>84,613</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	16,155	3,817	19,972	23,651	4,337	27,988	22,175	4,842	27,017
64. Tunnels and subways .....	560	1	561	947	4	951	850	4	854
65. Incinerators .....	53	5	58	12	7	19	63	20	83
66. Park systems, landscaping, sodding, etc. ....	659	195	854	1,263	437	1,700	1,115	469	1,584
67. Swimming pools, tennis courts, outdoor recreation facilities ....	212	187	399	754	188	942	240	214	454
68. Mine shafts and other below surface workings .....	6,258	384	6,642	7,722	96	7,818	8,791	81	8,872
69. Fences, snowsheds, signs, guard rails .....	1,429	1,086	2,515	1,141	511	1,652	1,250	600	1,850
70. Other engineering construction .....	9,926	632	10,558	10,206	644	10,850	43,141	758	43,899

<sup>1</sup> Actual 1965, preliminary 1966, intentions 1967.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering".

<sup>4</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>5</sup> Includes Northwest Territories and Yukon.

## STATISTICAL NOTES

### Sources

The statistics presented in this report are based largely on information received from organizations and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys:

(a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises and

(b) the construction survey of government departments which provided much of the remainder.

In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees.

### Coverage and Reliability of Estimates

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1967".

The figures on value of work in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In Manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1964 of all the firms in each industry by the corresponding 1964 total for the firms reporting in the 1967 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1964 and 1967 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the Utilities, Trade Finance and Institutional and Commercial Services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for type of structure, individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1966 preliminary actual figures and the 1967 forecast figures were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1966 to 1967 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1965 and 1966, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1967 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1967.

The data on the 1967 construction expenditures are aggregates of the expectations of individual respondents and are therefore subject to fluctuations caused by a number of internal and external factors: such as weather conditions, strikes, availability of credit, availability of skilled trades and material resources, government action and other such factors



### Labour and Material Content

The 1965 Survey of Contractors and Sub-Contractors provides the basic data for deriving ratios of labour and material content. The estimates of labour and materials are derived by applying the ratios of these items to the total value of work performed. The ratios used to breakdown the own-account portion are derived from the Capital Expenditures Survey. The estimation of the withdrawals of owners and partners is derived from "Taxation Statistics" published by the Department of National Revenue.

To obtain the number of employees the average annual earnings of contractors and sub-contractors

excluding the "withdrawals" were obtained from the results of the 1963 Contractors Survey. These figures were inflated to allow for salary and wage increases, and were subsequently divided into the estimated total of salaries and wages for 1965, 1966, and 1967.

The Labour Series as published in "Construction in Canada" is intended to reflect the labour content in terms of equivalent man years of a specific volume of construction. It is an estimate of the total number of persons, employers, own-account, and paid workers engaged in Construction activity.



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1966-68



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## INTRODUCTION

This report contains data on the total value of construction put in place during 1966 and 1967 and provides estimates of the intended program for 1968. The information presented for 1967 is preliminary whereas that shown for 1966 and earlier years is final.

The estimates are based mainly on data collected earlier by the DBS for the publication "Private and Public Investment in Canada, Outlook 1968". The report "Private and Public Investment

in Canada" provides data by industry and by area, while the present report "Construction in Canada" shows estimates for about 70 different types of structures. The total construction programme is also cross-classified by type of structure, industry, province, new and repair work, own account and contract work, constant and current dollars, etc. Also included are statistics on cost of materials used and on the labour content of the value of construction put in place.

## DEFINITIONS

Construction activity is defined for purposes of this report as the creation of fixed capital in the form of buildings, bridges, highways, port facilities, hydro-electric installations and other such structures; also included are outlays for additions, alterations and repairs to these structures.

Construction activity includes both "own account construction" and "contract" construction. "Own account" is that portion of the construction activity performed by an establishment primarily engaged in some business other than construction for its own account and performed by its own employees, as well as individuals engaging in new construction and repairs for their own use.

New Construction comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended.

Repair construction consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

The data for the value of construction put in place includes all costs incurred directly or indirectly by the organization or individual paying for the erection of a new structure.

## GENERAL REVIEW

Expenditures on construction — type goods and services for 1968 are expected to rise to about \$12.4 billion from about \$11.5 billion in 1967 or by 7.6 per cent. The 1968 percentage increase over the previous year compares with increases of 13.9 per cent and 2.5 per cent realized in 1966 and 1967 respectively. With the exceptions of New Brunswick, Saskatchewan and British Columbia, all provinces are expected to record increases in construction expenditures in 1968.

The intended 1968 spending on new construction at \$10.2 billion will probably be 7.3 per cent higher than 1967; while, the repair portion, amounting to just over \$2.2 billion, will show an approximate increase of 8.9 per cent. The proportion of the complete programme to be performed under contract during 1968 will remain comparable to last year's proportion (80.6 per cent). Of the total value of construction to be put in place during 1968 the engineering portion is estimated to account for 40.6 per cent of the total activity and will probably show an increase of 7.9 per cent over the previous year. The strength in the engineering group of struc-

tures is primarily due to the projects classified under marine engineering, waterworks and sewage systems and gas and oil facilities. Building construction will probably rise by 7.4 per cent with increases mainly in residential buildings and in institutional type buildings such as schools and other educational buildings, hospitals, sanatoria, clinics etc. A decrease of approximately 20 per cent will probably occur in the construction of industrial type buildings such as factories, plants, workshops, mine and mine buildings etc.

The analysis of the total value of work to be put in place in 1968 by the various industries reveals significant variations over 1967. The institutions show the largest percentage increase (25.4 per cent) and in addition show the largest dollar value increase of \$319 million. The sharpest percentage decrease (25.9 per cent) will probably occur in the commercial services group followed by a decrease of 10.7 per cent in the manufacturing group of industries. The manufacturing sector also shows the sharpest decrease (approximately \$90 million) in terms of dollar value.

**TABLE A. Total Value of Construction Work Performed – Percentage Variation from Year to Year in Terms of Current and Constant Dollars, 1959-68<sup>1,2,3</sup>**

Year	Current dollars		Constant 1957 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1959 .....	7,077	- 0.2	6,847	- 3.5
1960 .....	6,886	- 2.7	6,525	- 4.7
1961 .....	6,974	1.3	6,659	2.1
1962 .....	7,296	4.6	6,794	2.0
1963 .....	7,716	5.8	6,930	2.0
1964 .....	8,634	11.9	7,441	7.4
1965 .....	9,868	14.3	7,972	7.1
1966 .....	11,237	13.9	8,569	7.5
1967 .....	11,523	2.5	8,293	- 3.2
1968 .....	12,399	7.6	—	—

<sup>1</sup> For the Dominion Bureau of Statistics report "Private and Public Investment in Canada" the total value of construction work performed amounted to \$11,237 millions in 1966 and \$11,522 millions in 1967 and \$12,398 millions in 1968. The small differences are due to rounding procedures.

<sup>2</sup> Actual expenditures 1959-66, preliminary actual 1967, intentions 1968.

<sup>3</sup> Expenditures on facilities by the Canadian Corporation for the 1967 World Exhibition are included in these totals. However, the cost of foreign and private pavillions are excluded and to this extent construction activity on Canada was understated in 1965, 1966 and 1967.

**TABLE 1. Total Value of Construction Work Performed - Current and Constant Dollars by New and Repair, 1959-68<sup>1</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars						per cent	
1959 .....	5,710	5,557	1,367	1,290	7,077	6,847	20.3	20.5
1960 .....	5,454	5,224	1,432	1,301	6,886	6,525	19.0	19.1
1961 .....	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962 .....	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.2
1963 .....	6,157	5,613	1,559	1,317	7,716	6,930	17.8	17.6
1964 .....	7,004	6,119	1,630	1,322	8,634	7,441	18.2	17.8
1965 .....	8,114	6,626	1,754	1,346	9,868	7,972	18.9	17.8
1966 .....	9,283	7,166	1,954	1,403	11,237	8,569	19.5	18.1
1967 .....	9,485	6,933	2,038	1,360	11,523	8,293	-	-
1968 .....	10,180	-	2,219	-	12,399	-	-	-

<sup>1</sup> Actual 1959-66, preliminary 1967, intentions 1968.

**TABLE 2. Total Value of Construction Work Performed - Contractors and Others by New and Repair, 1964-68<sup>1,2</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
1964 .....	5,937	896	6,833	1,067	734	1,801	7,004	1,630	8,634
1965 .....	6,904	966	7,870	1,210	788	1,998	8,114	1,754	9,868
1966 .....	8,062	1,061	9,123	1,221	893	2,114	9,283	1,954	11,237
1967 .....	8,157	1,129	9,286	1,328	909	2,237	9,485	2,038	11,523
1968 .....	8,759	1,219	9,978	1,421	1,000	2,421	10,180	2,219	12,399

<sup>1</sup> Actual 1964-66, preliminary 1967, intentions 1968.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

**TABLE 3. Total Value of Construction Work Performed - Principal Type of Construction, 1964-68<sup>1,2</sup>**

Type of construction	1964		1965		1966		1967		1968	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction .....</b>	<b>8,634</b>	<b>100.0</b>	<b>9,868</b>	<b>100.0</b>	<b>11,237</b>	<b>100.0</b>	<b>11,523</b>	<b>100.0</b>	<b>12,399</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup> .....</b>	<b>5,179</b>	<b>60.0</b>	<b>5,906</b>	<b>59.9</b>	<b>6,661</b>	<b>59.3</b>	<b>6,859</b>	<b>59.5</b>	<b>7,365</b>	<b>59.4</b>
Residential .....	2,604	30.2	2,752	27.9	2,843	25.3	3,065	26.6	3,354	27.0
Industrial .....	666	7.7	776	7.9	1,001	8.9	862	7.5	682	5.5
Commercial .....	846	9.8	1,015	10.3	1,250	11.1	1,139	9.9	1,156	9.3
Institutional .....	766	8.9	1,019	10.3	1,170	10.4	1,380	11.9	1,743	14.1
Other building .....	297	3.4	344	3.5	397	3.6	413	3.6	430	3.5
<b>Total engineering .....</b>	<b>3,455</b>	<b>40.0</b>	<b>3,962</b>	<b>40.1</b>	<b>4,576</b>	<b>40.7</b>	<b>4,664</b>	<b>40.5</b>	<b>5,034</b>	<b>40.6</b>
Marine .....	68	0.8	107	1.1	130	1.2	118	1.0	157	1.3
Road highway and aerodrome construction .....	965	11.1	1,067	10.7	1,230	10.9	1,216	10.6	1,308	10.5
Waterworks and sewage systems .....	285	3.3	361	3.7	405	3.6	377	3.3	441	3.6
Dams and irrigation .....	170	2.0	292	3.0	233	2.1	190	1.6	154	1.2
Electric power construction .....	541	6.3	576	5.8	743	6.6	908	7.9	972	7.8
Railway, telephone and telegraph construction .....	411	4.8	406	4.1	483	4.3	501	4.3	515	4.2
Gas and oil facilities .....	547	6.3	633	6.4	687	6.1	749	6.5	934	7.5
Other engineering construction .....	468	5.4	520	5.3	665	5.9	605	5.3	553	4.5

<sup>1</sup> Actual 1964-66, preliminary 1967, intentions 1968.

<sup>2</sup> Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966, 1967 and 1968 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 18 to 27. The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.



**TABLE 4. Total Value of Construction Work Performed—Principal Type of Construction by Industry, 1966 - 68<sup>1,2,3</sup>**

Industry	1966			1967			1968		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals .....</b>	<b>6,660,824</b>	<b>4,576,571</b>	<b>11,237,395</b>	<b>6,859,365</b>	<b>4,664,052</b>	<b>11,523,417</b>	<b>7,364,349</b>	<b>5,034,181</b>	<b>12,398,530</b>
Agriculture and fishing <sup>2</sup> .....	220,337	118,802	339,139	226,832	122,390	349,222	221,879	119,749	341,628
Forestry .....	8,999	51,255	60,254	10,167	47,991	58,158	9,819	54,882	64,701
Mining, quarrying and oil wells .....	199,708	624,182	823,890	161,699	616,709	778,408	123,935	616,571	740,506
Construction .....	18,544	501	19,045	18,514	486	19,000	16,584	416	17,000
Manufacturing .....	788,695	166,559	955,254	656,894	186,881	843,775	526,978	226,744	753,722
Utilities .....	180,633	1,805,582	1,986,215	186,788	1,903,622	2,090,410	219,592	2,054,719	2,274,311
Trade—Wholesale and retail .....	231,670	12,721	244,391	224,138	11,747	235,885	257,533	16,580	274,113
Finance, insurance and real estate .....	423,635	8,315	431,950	410,622	5,455	416,077	383,098	5,712	388,810
Commercial services <sup>3</sup> .....	223,384	58,547	281,931	156,142	20,091	176,233	127,679	2,973	130,652
Housing .....	2,842,600	—	2,842,600	3,064,700	—	3,064,700	3,353,600	—	3,353,600
Institutional services .....	1,078,652	14,841	1,093,493	1,247,052	10,858	1,257,910	1,563,154	13,762	1,576,916
Government departments .....	443,967	1,715,266	2,159,233	495,817	1,737,822	2,233,639	560,498	1,922,073	2,482,571

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table A.

**TABLE 5. Total Value of Construction Work Performed—Dollar and Percentage Variation by Principal Type of Construction by Industry, 1966 - 68<sup>1,2,3</sup>**

Industry	Variation 1966 to 1967						Variation 1967 to 1968					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>198</b>	<b>3.0</b>	<b>88</b>	<b>1.9</b>	<b>286</b>	<b>2.5</b>	<b>505</b>	<b>7.4</b>	<b>370</b>	<b>7.9</b>	<b>875</b>	<b>7.6</b>
Agriculture and fishing <sup>2</sup> .....	6	2.9	4	3.0	10	3.0	— 5	— 2.2	— 3	— 2.2	— 8	— 2.2
Forestry .....	1	13.0	— 3	— 6.4	— 2	— 3.5	—	— 3.4	7	14.4	7	11.3
Mining, quarrying and oil wells .....	— 38	— 19.0	— 7	— 1.2	— 45	— 5.5	— 38	— 23.4	—	—	— 38	— 4.9
Construction .....	—	— .2	—	— 3.0	—	— .2	— 2	— 10.4	—	— 14.4	— 2	— 10.5
Manufacturing .....	— 131	— 16.7	20	12.2	— 111	— 11.7	— 130	— 19.8	40	21.3	— 90	— 10.7
Utilities .....	6	3.4	98	5.4	104	5.2	33	17.6	151	7.9	184	8.8
Trade—Wholesale and retail .....	— 8	— 3.3	— 1	— 7.7	— 9	— 3.5	33	14.9	5	41.1	38	16.2
Finance, insurance and real estate .....	— 13	— 3.1	— 3	— 34.4	— 16	— 3.7	— 28	— 6.7	—	4.7	— 28	— 6.6
Commercial services <sup>3</sup> .....	— 67	— 30.1	— 39	— 65.7	— 106	— 37.5	— 28	— 18.2	— 17	— 85.2	— 45	— 25.9
Housing .....	222	7.8	—	—	222	7.8	289	9.4	—	—	289	9.4
Institutional services .....	168	15.6	— 4	— 26.8	164	15.0	316	25.3	3	26.7	319	25.4
Government departments .....	52	11.7	23	1.3	75	3.4	65	13.0	184	10.6	249	11.1

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table A.

**TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1964-68<sup>1,2,3</sup>**

Type of structure	1964	1965	1966	1967	1968
	thousands of dollars				
<b>Total value of construction .....</b>	<b>8,634,189</b>	<b>9,867,919</b>	<b>11,237,395</b>	<b>11,523,417</b>	<b>12,398,530</b>
<b>Total building construction .....</b>	<b>5,179,407</b>	<b>5,905,641</b>	<b>6,660,824</b>	<b>6,859,365</b>	<b>7,364,349</b>
<b>Residential .....</b>	<b>2,604,500</b>	<b>2,751,500</b>	<b>2,842,600</b>	<b>3,064,700</b>	<b>3,353,600</b>
<b>Industrial .....</b>	<b>666,412</b>	<b>775,456</b>	<b>1,000,922</b>	<b>862,143</b>	<b>681,669</b>
2. Factories, plants, workshops, food canneries .....	522,927	679,909	808,285	678,530	529,534
3. Mine and mine mill buildings .....	104,496	63,944	156,578	143,881	105,717
4. Railway stations, offices, roadway buildings .....	24,802	20,435	23,125	26,699	30,966
5. Railway shops, engine houses, water and fuel stations .....	14,187	11,168	12,934	13,033	15,452
<b>Commercial .....</b>	<b>845,966</b>	<b>1,015,114</b>	<b>1,249,897</b>	<b>1,138,835</b>	<b>1,155,966</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	70,009	80,469	103,881	109,036	141,530
7. Grain elevators .....	17,167	18,052	34,317	43,438	28,377
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	72,697	97,415	119,152	94,605	76,121
9. Office buildings .....	369,627	408,965	454,195	444,701	482,923
10. Stores, retail and wholesale .....	205,948	252,188	303,237	231,110	256,891
11. Garages and service stations .....	45,147	56,501	52,918	75,902	79,152
12. Theatres, arenas, amusement and recreational buildings .....	61,837	98,306	178,172	136,980	87,432
13. Laundries and dry cleaning establishments .....	3,534	3,218	4,025	3,063	3,540
<b>Institutional .....</b>	<b>765,808</b>	<b>1,019,315</b>	<b>1,170,566</b>	<b>1,380,631</b>	<b>1,743,005</b>
14. Schools and other educational buildings .....	472,483	671,696	800,871	941,656	1,213,947
15. Churches and other religious buildings .....	50,888	58,511	55,036	54,216	42,079
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	179,017	184,569	210,321	257,572	325,178
17. Other institutional buildings .....	63,420	104,539	104,338	127,187	161,801
<b>Other building construction .....</b>	<b>296,721</b>	<b>344,256</b>	<b>396,839</b>	<b>413,056</b>	<b>430,109</b>
18. Farm buildings (excluding dwellings) .....	179,644	192,341	233,985	240,729	235,325
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	37,911	44,192	39,321	39,104	47,293
20. Aeroplane hangars .....	4,192	3,755	5,085	9,543	22,571
21. Passenger terminals, bus, boat or air .....	6,219	10,029	27,662	21,209	21,139
22. Armouries, barracks, drill halls, etc. ....	20,163	21,425	18,629	17,701	18,624
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	18,195	15,277	17,086	16,384	13,128
24. Other building construction .....	30,397	57,237	55,071	68,386	72,029
<b>Total engineering construction .....</b>	<b>3,454,782</b>	<b>3,962,278</b>	<b>4,576,571</b>	<b>4,664,052</b>	<b>5,034,181</b>
<b>Marine construction .....</b>	<b>67,552</b>	<b>107,349</b>	<b>130,033</b>	<b>118,337</b>	<b>157,052</b>
25. Docks, wharves, piers, breakwaters .....	46,309	55,575	69,795	69,640	88,635
26. Retaining walls, embankments, riprapping .....	6,515	6,904	12,925	5,797	7,703
27. Canals and waterways .....	4,405	24,873	31,561	21,175	35,623
28. Dredging and pile driving .....	5,614	11,959	7,291	8,912	9,838
29. Dyke construction .....	532	518	1,157	1,296	792
30. Logging booms .....	1,297	1,772	1,463	1,058	1,647
31. Other marine construction .....	2,880	5,748	5,841	10,459	12,814

See footnotes at end of table.

TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1964-68<sup>1,2,3</sup> - Concluded

Type of structure	1964	1965	1966	1967	1968
	thousands of dollars				
<b>Road, highway and aerodrome construction</b> .....	<b>964,612</b>	<b>1,067,021</b>	<b>1,230,145</b>	<b>1,216,574</b>	<b>1,308,338</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	616,229	678,324	756,265	800,867	856,875
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	181,799	264,039	297,281	226,131	235,596
34. Dirt, clay or other streets, roads, parking lots, etc. ....	92,332	46,646	74,204	87,965	106,947
35. Grading, scraping, oiling, filling .....	34,664	32,735	58,815	55,119	58,196
36. Sidewalks, paths .....	22,364	27,454	24,459	23,910	27,309
37. Aerodromes, landing fields, runways, tarmac .....	17,224	17,823	19,121	22,582	23,415
<b>Waterworks and sewage systems</b> .....	<b>285,114</b>	<b>361,294</b>	<b>405,229</b>	<b>376,895</b>	<b>440,587</b>
38. Tile drains, drainage ditches, storm sewers.....	24,226	31,218	40,684	40,989	39,020
39. Water mains, hydrants and services .....	100,454	131,427	138,359	122,159	118,350
40. Sewage systems and connections .....	143,180	163,266	183,446	183,955	240,682
41. Pumping stations, water.....	13,138	26,560	32,929	24,385	35,300
42. Water storage tanks.....	4,116	8,823	9,811	5,407	7,235
<b>Dams and irrigation</b> .....	<b>169,883</b>	<b>291,608</b>	<b>233,105</b>	<b>190,076</b>	<b>153,602</b>
43. Dams and reservoirs .....	146,183	266,814	188,134	151,765	116,156
44. Irrigation and land reclamation projects .....	23,700	24,794	44,971	38,311	37,446
<b>Electric power construction</b> .....	<b>541,021</b>	<b>576,289</b>	<b>742,452</b>	<b>907,836</b>	<b>971,611</b>
45. Electric power generating plants, including water conveying and controlling structures .....	170,467	190,404	350,075	482,743	512,842
46. Electric transformer stations.....	69,541	52,815	39,094	61,578	69,816
47. Power transmission and distribution lines, trolley wires.....	275,731	308,719	324,012	339,426	364,317
48. Street lighting .....	25,282	24,351	29,271	24,089	24,636
<b>Railway, telephone and telegraph</b> .....	<b>411,326</b>	<b>405,638</b>	<b>483,076</b>	<b>500,683</b>	<b>515,562</b>
49. Railway tracks and roadbed.....	228,794	202,891	235,798	269,130	272,139
50. Signals and interlockers.....	17,991	16,021	24,757	22,969	26,715
51. Telegraph and telephone lines, underground and marine cables .....	164,541	186,726	222,521	208,584	216,708
<b>Gas and oil facilities</b> .....	<b>546,755</b>	<b>633,471</b>	<b>687,320</b>	<b>748,628</b>	<b>933,860</b>
52. Gas mains and services.....	53,303	50,945	66,100	61,226	71,109
53. Pumping stations, oil.....	5,917	3,444	5,470	15,870	12,814
54. Pumping stations, gas .....	30,211	4,382	9,856	7,634	21,393
55. Oil storage tanks.....	19,349	10,077	16,304	17,067	19,758
56. Gas storage tanks .....	1,260	1,418	5,325	3,767	3,948
57. Oil pipe lines.....	27,251	42,056	70,449	76,981	69,728
58. Gas pipe lines .....	96,846	51,249	53,781	61,716	117,856
59. Oil wells.....	187,190	290,334	240,849	230,732	319,362
60. Gas wells.....	31,168	70,363	91,337	100,781	87,320
61. Oil refinery - Processing units <sup>3</sup> .....	51,930	64,853	86,217	111,262	151,629
62. Natural gas cleaning plants.....	42,330	44,350	41,632	61,592	58,943
<b>Other engineering construction</b> .....	<b>468,519</b>	<b>519,608</b>	<b>665,211</b>	<b>605,023</b>	<b>553,569</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	211,757	215,693	218,967	201,351	218,914
64. Tunnels and subways .....	73,512	61,107	67,803	38,855	26,512
65. Incinerators .....	154	273	185	249	931
66. Park systems, landscaping, sodding, etc.....	9,917	11,707	34,342	28,920	25,408
67. Swimming pools, tennis courts, outdoor recreation facilities.....	2,598	3,877	4,244	3,466	3,504
68. Mine shafts and other below surface workings .....	45,521	58,707	98,401	135,404	95,513
69. Fences, snowsheds, signs, guard rails .....	40,634	43,827	43,863	46,522	45,602
70. Other engineering construction.....	84,426	124,417	197,406	150,256	137,185

<sup>1</sup> Actual 1964-66, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used  
by Province, 1964 - 68<sup>1,2</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
<b>Canada:</b>				
1964 .....	547,377	2,812,089	4,241,373	8,634,189
1965 .....	593,093	3,275,806	4,764,920	9,867,919
1966 .....	599,940	3,699,433	5,145,560	11,237,395
1967 .....	569,855	3,806,831	5,272,942	11,523,417
1968 .....	586,703	4,092,987	5,676,727	12,398,530
<b>Newfoundland:</b>				
1964 .....	12,542	55,963	76,674	182,079
1965 .....	13,382	58,824	79,199	186,305
1966 .....	15,157	73,614	97,486	256,256
1967 .....	15,911	82,597	107,015	281,180
1968 .....	18,832	101,282	132,550	348,383
<b>Prince Edward Island:</b>				
1964 .....	2,537	9,355	15,671	33,538
1965 .....	2,825	11,142	18,258	39,160
1966 .....	2,920	13,549	19,266	44,476
1967 .....	2,564	12,796	18,797	42,243
1968 .....	2,600	13,649	19,999	45,072
<b>Nova Scotia:</b>				
1964 .....	18,232	71,940	103,364	215,779
1965 .....	21,244	88,375	120,328	256,356
1966 .....	22,792	103,644	144,190	314,655
1967 .....	21,618	105,046	147,548	319,756
1968 .....	22,692	116,397	164,754	357,719
<b>New Brunswick:</b>				
1964 .....	17,224	67,207	104,490	205,723
1965 .....	19,131	80,833	128,450	255,314
1966 .....	17,767	87,363	138,190	282,378
1967 .....	16,525	87,167	136,808	282,380
1968 .....	14,722	80,963	126,183	258,356
<b>Quebec:</b>				
1964 .....	150,163	755,602	1,219,915	2,365,945
1965 .....	158,996	853,898	1,311,746	2,616,761
1966 .....	150,198	885,182	1,253,072	2,688,832
1967 .....	125,559	830,758	1,176,685	2,515,510
1968 .....	130,412	904,090	1,272,221	2,726,117
<b>Ontario:</b>				
1964 .....	177,111	957,607	1,391,038	2,825,132
1965 .....	189,239	1,102,276	1,554,190	3,171,774
1966 .....	202,898	1,296,600	1,755,239	3,786,950
1967 .....	197,007	1,333,616	1,804,920	3,899,461
1968 .....	202,435	1,434,976	1,936,879	4,195,290
<b>Manitoba:</b>				
1964 .....	30,579	142,465	202,272	421,133
1965 .....	29,820	142,431	194,399	415,113
1966 .....	30,061	158,433	217,658	485,234
1967 .....	31,516	193,273	255,188	576,873
1968 .....	34,585	222,262	294,196	665,330

See footnote at end of table.

**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used by Province, 1964 - 68 <sup>1,2</sup> - Concluded**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
		thousands of dollars		
Saskatchewan:				
1964 .....	30,210	146,402	236,652	476,900
1965 .....	34,880	182,669	258,827	564,983
1966 .....	36,355	204,466	297,802	658,701
1967 .....	34,372	220,577	315,423	699,165
1968 .....	32,380	217,805	310,189	687,212
Alberta:				
1964 .....	53,463	282,535	418,845	919,871
1965 .....	58,591	333,813	509,543	1,093,666
1966 .....	59,509	383,463	592,698	1,276,408
1967 .....	59,754	399,684	614,297	1,317,341
1968 .....	66,292	464,321	725,591	1,536,762
British Columbia: <sup>2</sup>				
1964 .....	55,316	323,013	472,452	988,089
1965 .....	64,985	421,545	589,980	1,268,487
1966 .....	62,283	493,119	629,959	1,443,505
1967 .....	65,029	541,317	696,261	1,589,508
1968 .....	61,753	537,242	694,165	1,578,289

<sup>1</sup> Actual 1964-66, preliminary 1967, intentions 1968.

<sup>2</sup> British Columbia includes Northwest Territories and Yukon.

**TABLE 8. Total Value of Work Performed-Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1964 - 68 <sup>1,2</sup>**

Year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
Total:				
1964 .....	547,377	2,812,089	4,241,373	8,634,189
1965 .....	593,093	3,275,806	4,764,920	9,867,919
1966 .....	599,940	3,699,433	5,145,560	11,237,395
1967 .....	569,855	3,806,831	5,272,942	11,523,417
1968 .....	586,703	4,092,987	5,676,727	12,398,530
Contractors:				
1964 .....	397,275	2,074,701	3,441,860	6,833,265
1965 .....	427,667	2,411,549	3,882,517	7,869,858
1966 .....	449,870	2,837,248	4,279,340	9,123,023
1967 .....	422,790	2,890,921	4,358,313	9,286,702
1968 .....	433,834	3,100,275	4,692,038	9,977,316
Utilities:				
1964 .....	72,042	387,462	446,678	911,663
1965 .....	68,629	396,922	431,615	907,581
1966 .....	56,502	363,088	454,556	936,427
1967 .....	55,635	388,084	477,276	993,154
1968 .....	58,034	419,909	509,902	1,071,561
Governments:				
1964 .....	47,897	206,617	167,552	504,945
1965 .....	62,721	290,735	216,517	634,533
1966 .....	64,581	333,991	199,581	684,701
1967 .....	62,816	350,880	211,406	724,551
1968 .....	66,940	392,576	230,353	804,812
Miscellaneous:				
1964 .....	30,163	143,309	185,283	384,316
1965 .....	34,076	176,600	234,271	455,947
1966 .....	28,987	165,106	212,083	493,244
1967 .....	28,614	176,946	225,947	519,010
1968 .....	27,895	180,227	244,434	544,841

<sup>1</sup> Actual 1964-66, preliminary 1967, intentions 1968.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

TABLE 9. Total Value of Construction Work Performed—Type of Structure and by New and Repair—Canada, 1966-68<sup>1,2,3</sup>

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>9,282,847</b>	<b>1,954,548</b>	<b>11,237,395</b>	<b>9,485,521</b>	<b>2,037,896</b>	<b>11,523,417</b>	<b>10,179,870</b>	<b>2,218,660</b>	<b>12,398,530</b>
<b>Total building construction .....</b>	<b>5,477,902</b>	<b>1,182,922</b>	<b>6,660,824</b>	<b>5,619,657</b>	<b>1,239,708</b>	<b>6,859,365</b>	<b>6,031,919</b>	<b>1,332,430</b>	<b>7,364,349</b>
<b>Residential .....</b>	<b>2,181,400</b>	<b>661,200</b>	<b>2,842,600</b>	<b>2,351,600</b>	<b>713,100</b>	<b>3,064,700</b>	<b>2,576,600</b>	<b>777,000</b>	<b>3,353,600</b>
<b>Industrial .....</b>	<b>829,657</b>	<b>171,265</b>	<b>1,000,922</b>	<b>693,379</b>	<b>168,764</b>	<b>862,143</b>	<b>504,845</b>	<b>176,824</b>	<b>681,669</b>
2. Factories, plants, workshops, food canneries .....	673,208	135,077	808,285	549,716	128,814	678,530	395,993	133,541	529,534
3. Mine and mine mill buildings .....	139,907	16,671	156,578	124,367	19,514	143,881	86,731	18,986	105,717
4. Railway stations, offices, roadway buildings .....	10,404	12,721	23,125	13,012	13,687	26,699	14,774	16,192	30,966
5. Railway shops, engine houses, water and fuel stations .....	6,138	6,796	12,934	6,284	6,749	13,033	7,347	8,105	15,452
<b>Commercial .....</b>	<b>1,089,292</b>	<b>160,605</b>	<b>1,249,897</b>	<b>979,675</b>	<b>159,160</b>	<b>1,138,835</b>	<b>999,239</b>	<b>156,727</b>	<b>1,155,966</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	88,576	15,305	103,881	93,395	15,641	109,036	124,799	16,731	141,530
7. Grain elevators .....	24,893	9,424	34,317	34,435	9,003	43,438	22,850	5,527	28,377
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	102,181	16,971	119,152	78,318	16,287	94,605	60,481	15,640	76,121
9. Office buildings .....	395,363	58,832	454,195	389,110	55,591	444,701	424,750	58,173	482,923
10. Stores, retail and wholesale .....	265,155	38,082	303,237	192,988	38,122	231,110	219,422	37,469	256,891
11. Garages and service stations .....	40,590	12,328	52,918	61,199	14,703	75,902	64,447	14,705	79,152
12. Theatres, arenas, amusement and recreational buildings .....	170,161	8,011	178,172	128,477	8,503	136,980	80,254	7,178	87,432
13. Laundries and dry cleaning establishments .....	2,373	1,652	4,025	1,753	1,310	3,063	2,236	1,304	3,540
<b>Institutional .....</b>	<b>1,080,205</b>	<b>90,361</b>	<b>1,170,566</b>	<b>1,279,746</b>	<b>100,885</b>	<b>1,380,631</b>	<b>1,621,620</b>	<b>121,385</b>	<b>1,743,005</b>
14. Schools and other educational buildings .....	757,106	43,765	800,871	890,184	51,472	941,656	1,151,943	62,004	1,213,947
15. Churches and other religious buildings ....	47,474	7,562	55,036	46,941	7,275	54,216	35,993	6,086	42,079
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	186,090	24,231	210,321	227,111	30,461	257,572	291,318	33,860	325,178
17. Other institutional buildings .....	89,535	14,803	104,338	115,510	11,677	127,187	142,366	19,435	161,801
<b>Other building construction .....</b>	<b>297,348</b>	<b>99,491</b>	<b>396,839</b>	<b>315,257</b>	<b>97,799</b>	<b>413,056</b>	<b>329,615</b>	<b>100,494</b>	<b>430,109</b>
18. Farm buildings (excluding dwellings) ....	171,392	62,593	233,985	176,589	64,140	240,729	172,552	62,773	235,325
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	35,353	3,968	39,321	35,523	3,581	39,104	43,461	3,832	47,293
20. Aeroplane hangars .....	1,780	3,305	5,085	7,190	2,353	9,543	20,124	2,447	22,571
21. Passenger terminals, bus, boat or air .....	26,515	1,147	27,662	19,880	1,329	21,209	20,211	928	21,139
22. Armouries, barracks, drill halls, etc. ....	6,140	12,489	18,629	7,564	10,137	17,701	8,017	10,607	18,624
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	13,021	4,065	17,086	11,267	5,117	16,384	8,873	4,255	13,128
24. Other building construction .....	43,147	11,924	55,071	57,244	11,142	68,386	56,377	15,652	72,029
<b>Total engineering construction .....</b>	<b>3,804,945</b>	<b>771,626</b>	<b>4,576,571</b>	<b>3,865,864</b>	<b>798,188</b>	<b>4,664,052</b>	<b>4,147,951</b>	<b>886,230</b>	<b>5,034,181</b>
<b>Marine construction .....</b>	<b>103,636</b>	<b>26,397</b>	<b>130,033</b>	<b>95,312</b>	<b>23,025</b>	<b>118,337</b>	<b>132,848</b>	<b>24,204</b>	<b>157,052</b>
25. Docks, wharves, piers, breakwaters .....	60,133	9,662	69,795	59,093	10,547	69,640	78,677	9,958	88,635
26. Retaining walls, embankments, riprapping .....	8,448	4,477	12,925	5,339	458	5,797	7,275	428	7,703
27. Canals and waterways .....	24,667	6,894	31,561	19,447	1,728	21,175	31,551	4,072	35,623
28. Dredging and pile driving .....	3,396	3,895	7,291	3,402	5,510	8,912	5,304	4,534	9,838
29. Dyke construction .....	839	318	1,157	1,025	271	1,296	454	338	792
30. Logging booms .....	681	782	1,463	330	728	1,058	785	862	1,647
31. Other marine construction .....	5,472	369	5,841	6,676	3,783	10,459	8,802	4,012	12,814

See footnotes at end of table.



TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1966-68<sup>1,2,3</sup> - Concluded

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>946,399</b>	<b>283,746</b>	<b>1,230,145</b>	<b>927,100</b>	<b>289,474</b>	<b>1,216,574</b>	<b>979,855</b>	<b>328,483</b>	<b>1,308,338</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	600,550	155,715	756,265	616,295	184,572	800,867	644,259	212,616	856,875
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	219,521	77,760	297,281	165,669	60,462	226,131	167,602	67,994	235,596
34. Dirt, clay or other streets, roads, parking lots, etc. ....	51,297	22,907	74,204	66,932	21,033	87,965	85,236	21,711	106,947
35. Grading, scraping, oiling, filling .....	40,864	17,951	58,815	42,007	13,112	55,119	42,659	15,537	58,196
36. Sidewalks, paths .....	18,718	5,741	24,459	16,394	7,516	23,910	19,573	7,736	27,309
37. Aerodromes, landing fields, runways, tarmac .....	15,449	3,672	19,121	19,803	2,779	22,582	20,526	2,889	23,415
<b>Waterworks and sewage systems .....</b>	<b>339,374</b>	<b>65,855</b>	<b>405,229</b>	<b>312,216</b>	<b>64,679</b>	<b>376,895</b>	<b>370,179</b>	<b>70,408</b>	<b>440,587</b>
38. Tile drains, drainage ditches, storm sewers .....	29,261	11,423	40,684	32,199	8,790	40,989	30,473	8,547	39,020
39. Water mains, hydrants and services .....	110,552	27,807	138,359	95,502	26,657	122,159	89,736	28,614	118,350
40. Sewage systems and connections .....	160,667	22,779	183,446	158,658	25,297	183,955	213,636	27,046	240,682
41. Pumping stations, water .....	30,230	2,699	32,929	21,578	2,807	24,385	30,223	5,077	35,300
42. Water storage tanks .....	8,664	1,147	9,811	4,279	1,128	5,407	6,111	1,124	7,235
<b>Dams and irrigation .....</b>	<b>221,376</b>	<b>11,729</b>	<b>233,105</b>	<b>178,976</b>	<b>11,100</b>	<b>190,076</b>	<b>142,647</b>	<b>10,955</b>	<b>153,602</b>
43. Dams and reservoirs .....	185,016	3,118	188,134	149,188	2,577	151,765	113,615	2,541	116,156
44. Irrigation and land reclamation projects .....	36,360	8,611	44,971	29,788	8,523	38,311	29,032	8,414	37,446
<b>Electric power construction .....</b>	<b>675,349</b>	<b>67,103</b>	<b>742,452</b>	<b>837,194</b>	<b>70,642</b>	<b>907,836</b>	<b>893,415</b>	<b>78,196</b>	<b>971,611</b>
45. Electric power generating plants, including water conveying and controlling structures .....	333,087	16,988	350,075	460,715	22,028	482,743	487,999	24,843	512,842
46. Electric transformer stations .....	33,257	5,837	39,094	56,841	4,737	61,578	63,930	5,886	69,816
47. Power transmission and distribution lines, trolley wires .....	285,129	38,883	324,012	300,947	38,479	339,426	322,696	41,621	364,317
48. Street lighting .....	23,876	5,395	29,271	18,691	5,398	24,089	18,790	5,846	24,636
<b>Railway, telephone and telegraph .....</b>	<b>314,574</b>	<b>168,502</b>	<b>483,076</b>	<b>322,682</b>	<b>178,001</b>	<b>500,683</b>	<b>311,054</b>	<b>204,508</b>	<b>515,562</b>
49. Railway tracks and roadbed .....	130,145	105,653	235,798	155,697	113,433	269,130	138,149	133,990	272,139
50. Signals and interlockers .....	15,199	9,558	24,757	11,310	11,659	22,969	12,899	13,816	26,715
51. Telegraph and telephone lines, underground and marine cables .....	169,230	53,291	222,521	155,675	52,909	208,584	160,006	56,702	216,708
<b>Gas and oil facilities .....</b>	<b>614,709</b>	<b>72,611</b>	<b>687,320</b>	<b>665,580</b>	<b>83,048</b>	<b>748,628</b>	<b>846,594</b>	<b>87,266</b>	<b>933,860</b>
52. Gas mains and services .....	60,594	5,506	66,100	55,223	6,003	61,226	64,759	6,350	71,109
53. Pumping stations, oil .....	5,000	470	5,470	13,785	2,085	15,870	10,460	2,354	12,814
54. Pumping stations, gas .....	9,574	282	9,856	7,265	369	7,634	20,912	481	21,393
55. Oil storage tanks .....	13,131	3,173	16,304	13,476	3,591	17,067	16,226	3,532	19,758
56. Gas storage tanks .....	5,223	102	5,325	3,520	247	3,767	3,829	119	3,948
57. Oil pipe lines .....	67,466	2,983	70,449	74,840	2,141	76,981	67,261	2,467	69,728
58. Gas pipe lines .....	52,522	1,259	53,781	60,664	1,052	61,716	116,728	1,128	117,856
59. Oil wells .....	224,582	16,267	240,849	211,306	19,426	230,732	296,395	22,967	319,362
60. Gas wells .....	86,047	5,290	91,337	94,438	6,343	100,781	83,188	4,132	87,320
61. Oil refinery - Processing units <sup>3</sup> .....	54,694	31,523	86,217	77,366	33,896	111,262	115,971	35,658	151,629
62. Natural gas cleaning plants .....	35,876	5,756	41,632	53,697	7,895	61,592	50,865	8,078	58,943
<b>Other engineering construction .....</b>	<b>589,528</b>	<b>75,683</b>	<b>665,211</b>	<b>526,804</b>	<b>78,219</b>	<b>605,023</b>	<b>471,359</b>	<b>82,210</b>	<b>553,569</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	190,578	28,389	218,967	173,015	28,336	201,351	187,574	31,340	218,914
64. Tunnels and subways .....	67,147	656	67,803	38,265	590	38,855	25,963	549	26,512
65. Incinerators .....	133	52	185	192	57	249	856	75	931
66. Park systems, landscaping, sodding, etc. ....	29,388	4,954	34,342	23,691	5,229	28,920	19,666	5,742	25,408
67. Swimming pools, tennis courts, outdoor recreation facilities .....	3,180	1,064	4,244	2,397	1,069	3,466	2,396	1,108	3,504
68. Mine shafts and other below surface workings .....	94,390	4,011	98,401	130,735	4,669	135,404	90,162	5,351	95,513
69. Fences, snowsheds, signs, guard rails .....	29,703	14,160	43,863	34,145	12,377	46,522	33,006	12,596	45,602
70. Other engineering construction .....	175,009	22,397	197,406	124,364	25,892	150,256	111,736	25,449	137,185

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

**TABLE 10. Total Value of Construction Work Performed - New and Repair by Type of Structure by Primary Industries, 1966 - 68** <sup>1,2,3</sup>

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,065,092</b>	<b>177,236</b>	<b>1,242,328</b>	<b>1,013,088</b>	<b>191,700</b>	<b>1,204,788</b>	<b>969,902</b>	<b>193,933</b>	<b>1,163,835</b>
<b>Total building construction .....</b>	<b>356,635</b>	<b>90,953</b>	<b>447,588</b>	<b>320,001</b>	<b>97,211</b>	<b>417,212</b>	<b>273,012</b>	<b>99,205</b>	<b>372,217</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>160,035</b>	<b>19,532</b>	<b>179,567</b>	<b>135,257</b>	<b>23,114</b>	<b>158,371</b>	<b>93,904</b>	<b>22,751</b>	<b>116,655</b>
2. Factories, plants, workshops, food canneries.....	20,590	2,859	23,449	11,111	3,588	14,699	7,412	3,753	11,165
3. Mine and mine mill buildings.....	139,433	16,671	156,104	124,080	19,513	143,593	86,398	18,983	105,381
4. Railway stations, offices, roadway buildings.....	5	1	6	16	13	29	10	15	25
5. Railway shops, engine houses, water and fuel stations	7	1	8	50	—	50	84	—	84
<b>Commercial .....</b>	<b>13,978</b>	<b>4,263</b>	<b>18,241</b>	<b>11,355</b>	<b>4,200</b>	<b>15,555</b>	<b>11,783</b>	<b>3,657</b>	<b>15,440</b>
6. Warehouses, storehouses, refrigerated storage, etc....	4,874	1,762	6,636	4,248	1,854	6,102	3,038	1,636	4,674
7. Grain elevators.....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	543	157	700	51	158	209	3	170	173
9. Office buildings.....	6,778	2,010	8,788	6,272	1,955	8,227	7,014	1,648	8,662
10. Stores, retail and wholesale.....	245	25	270	39	15	54	310	11	321
11. Garages and service stations.....	721	238	959	721	152	873	1,290	135	1,425
12. Theatres, arenas, amusement and recreational build- ings.....	817	71	888	24	66	90	128	57	185
13. Laundries and dry cleaning establishments.....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>558</b>	<b>57</b>	<b>615</b>	<b>83</b>	<b>76</b>	<b>159</b>	<b>5</b>	<b>85</b>	<b>90</b>
14. Schools and other educational buildings .....	56	4	60	56	42	98	—	51	51
15. Churches and other religious buildings .....	444	17	461	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	50	28	78	27	27	54	5	26	31
17. Other institutional buildings .....	8	8	16	—	7	7	—	8	8
<b>Other building construction.....</b>	<b>182,064</b>	<b>67,101</b>	<b>249,165</b>	<b>173,306</b>	<b>69,821</b>	<b>243,127</b>	<b>167,320</b>	<b>72,712</b>	<b>240,032</b>
18. Farm buildings (excluding dwellings).....	157,996	62,036	220,032	162,611	63,716	226,327	158,949	62,330	221,279
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	38	67	105	32	100	132	1	100	101
20. Aeroplane hangars.....	11	—	11	—	3	3	—	1	1
21. Passenger terminals, bus, boat or air.....	—	16	16	—	20	20	—	21	21
22. Armouries, barracks, drill halls, etc.....	—	—	—	61	—	61	224	53	277
23. Bunkhouses, dormitories, camp cookeries, bush de- pots and camps.....	10,904	3,599	14,503	9,222	4,098	13,320	7,439	3,815	11,254
24. Other building construction .....	13,115	1,383	14,498	1,380	1,884	3,264	707	6,392	7,099
<b>Total engineering construction .....</b>	<b>708,457</b>	<b>86,283</b>	<b>794,740</b>	<b>693,087</b>	<b>94,489</b>	<b>787,576</b>	<b>696,890</b>	<b>94,728</b>	<b>791,618</b>
<b>Marine construction .....</b>	<b>3,038</b>	<b>1,785</b>	<b>4,823</b>	<b>2,009</b>	<b>1,833</b>	<b>3,842</b>	<b>11,863</b>	<b>1,662</b>	<b>13,525</b>
25. Docks, wharves, piers, breakwaters.....	2,088	730	2,818	983	866	1,849	8,911	705	9,616
26. Retaining walls, embankments, riprapping.....	—	18	18	—	6	6	—	2	2
27. Canals and waterways.....	183	183	366	11	25	36	8	25	33
28. Dredging and pile driving.....	34	66	100	788	153	941	2,123	144	2,267
29. Dyke construction .....	—	—	—	—	2	2	—	—	—
30. Logging booms.....	553	674	1,227	216	520	736	780	608	1,388
31. Other marine construction.....	180	114	294	11	261	272	41	178	219

See footnotes at end of table.



**TABLE 10. Total Value of Construction Work Performed—New and Repair by Type of Structure by Primary Industries 1966-68<sup>1,2,3</sup>—Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>45,735</b>	<b>16,526</b>	<b>62,261</b>	<b>43,603</b>	<b>16,531</b>	<b>60,134</b>	<b>44,415</b>	<b>15,642</b>	<b>60,057</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	895	200	1,095	2,841	401	3,242	1,591	545	2,136
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	15,637	5,801	21,438	14,725	5,271	19,996	11,672	4,998	16,670
34. Dirt, clay or other streets, roads, parking lots, etc. ....	28,649	10,380	39,029	25,823	10,633	36,456	30,839	9,915	40,754
35. Grading, scraping, oiling, filling.....	429	125	554	105	161	266	135	134	269
36. Sidewalks, paths .....	75	—	75	97	—	97	145	—	145
37. Aerodromes, landing fields, runways, tarmac .....	50	20	70	12	65	77	33	50	83
<b>Waterworks and sewage systems .....</b>	<b>42,406</b>	<b>14,983</b>	<b>57,389</b>	<b>42,217</b>	<b>15,470</b>	<b>57,687</b>	<b>38,291</b>	<b>15,069</b>	<b>53,360</b>
38. Tile drains, drainage ditches, storm sewers .....	17,213	6,684	23,897	17,774	6,917	24,691	17,237	6,746	23,983
39. Water mains, hydrants and services.....	20,511	6,975	27,486	20,631	7,178	27,809	17,785	7,001	24,786
40. Sewage systems and connections .....	462	70	532	847	118	965	368	92	460
41. Pumping stations, water .....	1,461	296	1,757	421	274	695	425	269	694
42. Water storage tanks .....	2,759	958	3,717	2,544	983	3,527	2,476	961	3,437
<b>Dams and irrigation .....</b>	<b>22,624</b>	<b>8,159</b>	<b>30,783</b>	<b>24,072</b>	<b>8,491</b>	<b>32,563</b>	<b>21,175</b>	<b>8,212</b>	<b>29,387</b>
43. Dams and reservoirs .....	3,183	526	3,709	3,895	649	4,544	1,433	540	1,973
44. Irrigation and land reclamation projects.....	19,441	7,633	27,074	20,177	7,842	28,019	19,742	7,672	27,414
<b>Electric power construction .....</b>	<b>11,016</b>	<b>1,381</b>	<b>12,397</b>	<b>7,549</b>	<b>1,426</b>	<b>8,975</b>	<b>3,304</b>	<b>1,456</b>	<b>4,760</b>
45. Electric power generating plants, including water conveying and controlling structures.....	2,691	402	3,093	835	362	1,197	520	358	878
46. Electric transformer stations .....	3,250	259	3,509	1,991	170	2,161	1,412	195	1,607
47. Power transmission and distribution lines, trolley wires .....	5,036	676	5,712	4,720	843	5,563	1,360	845	2,205
48. Street lighting.....	39	44	83	3	51	54	12	58	70
<b>Railway, telephone and telegraph .....</b>	<b>1,446</b>	<b>1,874</b>	<b>3,320</b>	<b>1,903</b>	<b>1,556</b>	<b>3,459</b>	<b>1,096</b>	<b>1,745</b>	<b>2,841</b>
49. Railway tracks and roadbed .....	1,402	1,577	2,979	1,707	1,370	3,077	970	1,566	2,536
50. Signals and interlockers .....	9	131	140	47	100	147	38	105	143
51. Telegraph and telephone lines, underground and marine cables	35	166	201	149	86	235	88	74	162
<b>Gas and oil facilities.....</b>	<b>345,247</b>	<b>27,004</b>	<b>372,251</b>	<b>358,931</b>	<b>33,598</b>	<b>392,529</b>	<b>429,547</b>	<b>35,064</b>	<b>464,611</b>
52. Gas mains and services .....	54	2	56	30	—	30	51	—	51
53. Pumping stations, oil .....	—	15	15	—	7	7	—	7	7
54. Pumping stations, gas.....	7	—	7	—	—	—	—	—	—
55. Oil storage tanks.....	512	2	514	195	—	195	—	—	—
56. Gas storage tanks .....	8	—	8	40	—	40	—	—	—
57. Oil pipe lines.....	—	—	—	—	—	—	30	—	30
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	224,582	16,267	240,849	211,306	19,426	230,732	296,395	22,967	319,362
60. Gas wells .....	84,944	5,118	90,062	93,829	6,299	100,128	82,381	4,044	86,425
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	35,140	5,600	40,740	53,531	7,866	61,397	50,690	8,046	58,736
<b>Other engineering construction .....</b>	<b>236,945</b>	<b>14,571</b>	<b>251,516</b>	<b>212,803</b>	<b>15,584</b>	<b>228,387</b>	<b>147,199</b>	<b>15,878</b>	<b>163,077</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,349	260	1,609	791	261	1,052	1,233	341	1,574
64. Tunnels and subways .....	4,572	19	4,591	645	1	646	2,919	—	2,919
65. Incinerators.....	10	—	10	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	57	39	96	193	34	227	27	41	68
67. Swimming pools, tennis courts, outdoor recreation facilities....	486	33	519	275	33	308	20	32	52
68. Mine shafts and other below surface workings .....	94,390	4,011	98,401	130,731	4,660	135,391	90,162	5,351	95,513
69. Fences, snowsheds, signs, guard rails .....	24,346	9,593	33,939	25,085	9,820	34,905	24,560	9,609	34,169
70. Other engineering construction .....	111,735	616	112,351	55,083	775	55,858	28,278	504	28,782

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> Primary Industries include agriculture, fishing, mining, quarrying and oil wells, forestry and the construction industry. See also footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



**TABLE 11. Total Value of Construction Work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1966-68<sup>1,2,3</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>787,932</b>	<b>167,322</b>	<b>955,254</b>	<b>677,614</b>	<b>166,161</b>	<b>843,775</b>	<b>582,041</b>	<b>171,681</b>	<b>753,722</b>
<b>Total building construction</b> .....	<b>666,517</b>	<b>122,178</b>	<b>788,695</b>	<b>538,632</b>	<b>118,262</b>	<b>656,894</b>	<b>405,596</b>	<b>121,382</b>	<b>526,978</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>619,131</b>	<b>116,521</b>	<b>735,652</b>	<b>498,928</b>	<b>112,660</b>	<b>611,588</b>	<b>357,285</b>	<b>116,377</b>	<b>473,662</b>
2. Factories, plants, workshops, food canneries .....	618,657	116,521	735,178	498,495	112,633	611,128	356,801	116,348	473,149
3. Mine and mine mill buildings .....	474	—	474	287	—	287	333	—	333
4. Railway stations, offices, roadway buildings .....	—	—	—	133	24	157	64	25	89
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	13	3	16	87	4	91
<b>Commercial</b> .....	<b>45,324</b>	<b>4,795</b>	<b>50,119</b>	<b>37,271</b>	<b>4,460</b>	<b>41,731</b>	<b>46,092</b>	<b>4,300</b>	<b>50,392</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	24,206	1,265	25,471	14,698	1,286	15,984	27,708	1,350	29,058
7. Grain elevators .....	315	15	330	482	19	501	30	12	42
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	144	73	217	101	44	145	385	48	433
9. Office buildings .....	18,971	3,259	22,230	14,874	2,729	17,603	9,885	2,645	12,530
10. Stores, retail and wholesale .....	800	61	861	1,905	231	2,136	1,932	92	2,024
11. Garages and service stations .....	603	104	707	5,152	135	5,287	6,152	134	6,286
12. Theatres, arenas, amusement and recreational buildings .....	285	17	302	59	16	75	—	19	19
13. Laundries and dry cleaning establishments .....	—	1	1	—	—	—	—	—	—
<b>Institutional</b> .....	<b>24</b>	<b>36</b>	<b>60</b>	<b>31</b>	<b>36</b>	<b>67</b>	<b>—</b>	<b>36</b>	<b>36</b>
14. Schools and other educational buildings .....	—	4	4	22	3	25	—	3	3
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	24	32	56	3	33	36	—	33	33
17. Other institutional buildings .....	—	—	—	6	—	6	—	—	—
<b>Other building construction</b> .....	<b>2,038</b>	<b>826</b>	<b>2,864</b>	<b>2,402</b>	<b>1,106</b>	<b>3,508</b>	<b>2,219</b>	<b>669</b>	<b>2,888</b>
18. Farm buildings (excluding dwellings) .....	141	122	263	299	97	396	197	80	277
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	57	35	92	1,007	15	1,022	—	25	25
20. Aeroplane hangars .....	22	202	224	191	153	344	—	138	138
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	22	—	22	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,050	377	1,427	852	806	1,658	576	265	841
24. Other building construction .....	746	90	836	53	35	88	1,446	161	1,607
<b>Total engineering construction</b> .....	<b>121,415</b>	<b>45,144</b>	<b>166,559</b>	<b>138,982</b>	<b>47,899</b>	<b>186,881</b>	<b>176,445</b>	<b>50,299</b>	<b>226,744</b>
<b>Marine construction</b> .....	<b>3,899</b>	<b>1,985</b>	<b>5,884</b>	<b>6,339</b>	<b>1,626</b>	<b>7,965</b>	<b>4,665</b>	<b>1,714</b>	<b>6,379</b>
25. Docks, wharves, piers, breakwaters .....	3,235	1,236	4,471	5,598	1,020	6,618	4,490	944	5,434
26. Retaining walls, embankments, riprapping .....	384	7	391	12	5	17	30	37	67
27. Canals and waterways .....	—	40	40	36	27	63	—	30	30
28. Dredging and pile driving .....	64	480	544	34	370	404	40	445	485
29. Dyke construction .....	68	41	109	526	21	547	100	15	115
30. Logging booms .....	91	108	199	114	177	291	5	226	231
31. Other marine construction .....	57	73	130	19	6	25	—	17	17

See footnotes at end of table.

**TABLE 11. Total Value of Construction work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1966-68<sup>1,2,3</sup> — Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>10,228</b>	<b>1,923</b>	<b>12,151</b>	<b>7,594</b>	<b>2,307</b>	<b>9,901</b>	<b>3,253</b>	<b>2,292</b>	<b>5,545</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	4,783	984	5,767	2,983	995	3,978	1,344	1,142	2,486
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,860	360	2,220	767	340	1,107	651	283	934
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,673	482	2,155	1,747	891	2,638	1,181	799	1,980
35. Grading, scraping, oiling, filling .....	1,528	81	1,609	2,080	61	2,141	61	48	109
36. Sidewalks, paths .....	49	16	65	17	20	37	4	20	24
37. Aerodromes, landing fields, runways, tarmac .....	335	—	335	—	—	—	12	—	12
<b>Waterworks and sewage systems .....</b>	<b>11,963</b>	<b>1,575</b>	<b>13,538</b>	<b>10,261</b>	<b>1,581</b>	<b>11,842</b>	<b>11,744</b>	<b>1,674</b>	<b>13,418</b>
38. Tile drains, drainage ditches, storm sewers .....	1,982	103	2,085	1,312	81	1,393	579	99	678
39. Water mains, hydrants and services .....	3,346	535	3,881	3,189	537	3,726	1,471	567	2,038
40. Sewage systems and connections .....	3,950	335	4,285	4,103	394	4,497	6,466	532	6,998
41. Pumping stations, water .....	1,799	542	2,341	1,272	488	1,760	3,037	409	3,446
42. Water storage tanks .....	886	60	946	385	81	466	191	67	258
<b>Dams and irrigation .....</b>	<b>431</b>	<b>50</b>	<b>481</b>	<b>—</b>	<b>31</b>	<b>31</b>	<b>3</b>	<b>35</b>	<b>38</b>
43. Dams and reservoirs .....	431	50	481	—	31	31	3	35	38
44. Irrigation and land reclamation projects <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>13,818</b>	<b>1,557</b>	<b>15,375</b>	<b>6,801</b>	<b>1,299</b>	<b>8,100</b>	<b>3,453</b>	<b>1,576</b>	<b>5,029</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,616	898	6,514	802	730	1,532	611	846	1,457
46. Electric transformer stations .....	4,490	178	4,668	4,043	102	4,145	1,287	331	1,618
47. Power transmission and distribution lines, trolley wires .....	3,169	461	3,630	1,863	334	2,197	1,480	357	1,837
48. Street lighting .....	543	20	563	93	133	226	75	42	117
<b>Railway, telephone and telegraph .....</b>	<b>3,085</b>	<b>1,053</b>	<b>4,138</b>	<b>9,093</b>	<b>830</b>	<b>9,923</b>	<b>3,396</b>	<b>877</b>	<b>4,273</b>
49. Railway tracks and roadbed .....	2,991	997	3,988	8,944	777	9,721	3,374	821	4,195
50. Signals and interlockers .....	33	—	33	9	—	9	4	—	4
51. Telegraph and telephone lines, underground and marine cables .....	61	56	117	140	53	193	18	56	74
<b>Gas and oil facilities .....</b>	<b>61,273</b>	<b>33,370</b>	<b>94,643</b>	<b>84,160</b>	<b>36,514</b>	<b>120,674</b>	<b>119,958</b>	<b>38,033</b>	<b>157,991</b>
52. Gas mains and services .....	538	25	563	120	12	132	254	10	264
53. Pumping stations, oil .....	8	31	39	61	72	133	10	56	66
54. Pumping stations, gas .....	87	2	89	—	—	—	3	—	3
55. Oil storage tanks .....	5,209	1,485	6,694	5,996	2,376	8,372	3,450	2,181	5,631
56. Gas storage tanks .....	58	6	64	1	6	7	—	2	2
57. Oil pipe lines .....	198	223	421	550	76	626	232	48	280
58. Gas pipe lines .....	481	75	556	63	61	124	34	61	95
59. Oil wells .....	—	—	—	3	5	8	4	3	7
60. Gas wells .....	—	—	—	—	10	10	—	14	14
61. Oil refinery — Processing units <sup>3</sup> .....	54,694	31,523	86,217	77,366	33,896	111,262	115,971	35,658	151,629
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>16,718</b>	<b>3,631</b>	<b>20,349</b>	<b>14,734</b>	<b>3,711</b>	<b>18,445</b>	<b>29,973</b>	<b>4,098</b>	<b>34,071</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	667	181	848	200	77	277	49	86	135
64. Tunnels and subways .....	225	14	239	—	2	2	—	1	1
65. Incinerators .....	59	9	68	104	14	118	624	22	646
66. Park systems, landscaping, sodding, etc. ....	290	254	544	211	229	440	80	202	282
67. Swimming pools, tennis courts, outdoor recreation facilities ....	1	10	11	—	11	11	—	8	8
68. Mine shafts and other below surface workings .....	—	—	—	4	9	13	—	—	—
69. Fences, snowsheds, signs, guard rails .....	392	82	474	1,312	66	1,378	1,673	107	1,780
70. Other engineering construction .....	15,084	3,081	18,165	12,903	3,303	16,206	27,547	3,672	31,219

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> Included in "Other engineering construction".

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1966-68<sup>1</sup>

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,665,462</b>	<b>320,753</b>	<b>1,986,215</b>	<b>1,755,857</b>	<b>334,553</b>	<b>2,090,410</b>	<b>1,897,999</b>	<b>376,312</b>	<b>2,274,311</b>
<b>Total building construction .....</b>	<b>137,532</b>	<b>43,101</b>	<b>180,633</b>	<b>142,960</b>	<b>43,828</b>	<b>186,788</b>	<b>175,786</b>	<b>43,806</b>	<b>219,592</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>19,749</b>	<b>21,704</b>	<b>41,453</b>	<b>20,127</b>	<b>22,384</b>	<b>42,511</b>	<b>23,247</b>	<b>26,601</b>	<b>49,848</b>
2. Factories, plants, workshops, food canneries ....	3,219	2,189	5,408	1,043	1,987	3,030	1,371	2,345	3,716
3. Mine and mine mill buildings .....	—	—	—	—	1	1	—	3	3
4. Railway stations, offices, roadway buildings .....	10,399	12,720	23,119	12,863	13,650	26,513	14,700	16,152	30,852
5. Railway shops, engine houses, water and fuel stations .....	6,131	6,795	12,926	6,221	6,746	12,967	7,176	8,101	15,277
<b>Commercial .....</b>	<b>68,025</b>	<b>16,550</b>	<b>84,575</b>	<b>78,087</b>	<b>16,548</b>	<b>94,635</b>	<b>84,168</b>	<b>12,575</b>	<b>96,743</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,793	3,776	24,569	18,609	3,654	22,263	29,717	3,512	33,229
7. Grain elevators .....	24,258	9,408	33,666	33,815	8,957	42,772	22,816	5,484	28,300
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	160	—	160	193	4	197	700	5	705
9. Office buildings .....	16,335	2,070	18,405	21,436	2,541	23,977	20,076	2,150	22,226
10. Stores, retail and wholesale .....	—	—	—	—	—	—	—	—	—
11. Garages and service stations .....	6,461	1,255	7,716	4,030	1,354	5,384	10,859	1,387	12,246
12. Theatres, arenas, amusement and recreational buildings .....	18	41	59	4	38	42	—	37	37
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>7</b>	<b>37</b>	<b>44</b>	<b>125</b>	<b>25</b>	<b>150</b>	<b>—</b>	<b>26</b>	<b>26</b>
14. Schools and other educational buildings .....	—	3	3	125	2	127	—	2	2
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7	34	41	—	23	23	—	24	24
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>49,751</b>	<b>4,810</b>	<b>54,561</b>	<b>44,621</b>	<b>4,871</b>	<b>49,492</b>	<b>68,371</b>	<b>4,604</b>	<b>72,975</b>
18. Farm buildings (excluding dwellings) .....	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	33,352	3,195	36,547	32,258	3,038	35,296	41,414	3,247	44,661
20. Aeroplane hangars .....	774	134	908	5,900	12	5,912	19,039	12	19,051
21. Passenger terminals, bus, boat or air .....	14,530	1,117	15,647	5,363	1,288	6,651	6,899	886	7,785
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	790	49	839	932	184	1,116	61	94	155
24. Other building construction .....	305	315	620	168	349	517	958	365	1,323
<b>Total engineering construction .....</b>	<b>1,527,930</b>	<b>277,652</b>	<b>1,805,582</b>	<b>1,612,897</b>	<b>290,725</b>	<b>1,903,622</b>	<b>1,722,213</b>	<b>332,506</b>	<b>2,054,719</b>
<b>Marine construction .....</b>	<b>29,970</b>	<b>5,646</b>	<b>35,616</b>	<b>24,937</b>	<b>6,324</b>	<b>31,261</b>	<b>46,888</b>	<b>7,339</b>	<b>54,227</b>
25. Docks, wharves, piers, breakwaters .....	8,748	2,349	11,097	8,941	2,857	11,798	20,593	2,797	23,390
26. Retaining walls, embankments, riprapping .....	864	10	874	1,658	68	1,726	75	3	78
27. Canals and waterways .....	18,676	2,783	21,459	13,662	1,342	15,004	24,990	3,675	28,665
28. Dredging and pile driving .....	1,619	499	2,118	650	1,967	2,617	1,230	787	2,017
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	37	—	37	—	31	31	—	28	28
31. Other marine construction .....	26	5	31	26	59	85	—	49	49

See footnote at end of table.



TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1966 - 68<sup>1</sup> — Concluded

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>20, 538</b>	<b>738</b>	<b>21, 276</b>	<b>14, 253</b>	<b>752</b>	<b>15, 005</b>	<b>9, 018</b>	<b>803</b>	<b>9, 821</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	18, 962	425	19, 387	13, 248	489	13, 737	6, 437	517	6, 954
33. Gravel or stone streets, highways, roads, parking lots, etc.	335	164	499	456	261	717	2, 045	257	2, 302
34. Dirt, clay or other streets, roads, parking lots, etc. ....	339	89	428	25	—	25	—	25	25
35. Grading, scraping, oiling, filling .....	883	59	942	492	—	492	536	3	539
36. Sidewalks, paths .....	—	—	—	5	—	5	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	19	1	20	27	2	29	—	1	1
<b>Waterworks and sewage systems .....</b>	<b>111, 772</b>	<b>21, 416</b>	<b>133, 188</b>	<b>84, 893</b>	<b>20, 274</b>	<b>105, 167</b>	<b>107, 292</b>	<b>24, 721</b>	<b>132, 013</b>
38. Tile drains, drainage ditches, storm sewers .....	1, 273	57	1, 330	1, 226	25	1, 251	52	33	85
39. Water mains, hydrants and services .....	79, 015	19, 361	98, 376	61, 178	18, 137	79, 315	63, 173	20, 189	83, 362
40. Sewage systems and connections .....	463	25	488	1, 417	21	1, 438	14, 056	22	14, 078
41. Pumping stations, water .....	26, 028	1, 848	27, 876	19, 864	2, 028	21, 892	26, 742	4, 382	31, 124
42. Water storage tanks .....	4, 993	125	5, 118	1, 208	63	1, 271	3, 269	95	3, 364
<b>Dams and irrigation .....</b>	<b>159, 974</b>	<b>1, 094</b>	<b>161, 068</b>	<b>125, 301</b>	<b>838</b>	<b>126, 139</b>	<b>91, 551</b>	<b>794</b>	<b>92, 345</b>
43. Dams and reservoirs .....	159, 592	1, 094	160, 686	125, 301	838	126, 139	91, 551	794	92, 345
44. Irrigation and land reclamation projects .....	382	—	382	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>619, 914</b>	<b>58, 941</b>	<b>678, 855</b>	<b>777, 244</b>	<b>63, 318</b>	<b>840, 562</b>	<b>836, 203</b>	<b>70, 339</b>	<b>906, 542</b>
45. Electric power generating plants, including water conveying and controlling structures .....	312, 149	14, 245	326, 394	442, 784	19, 766	462, 550	467, 790	22, 355	490, 145
46. Electric transformer stations .....	24, 768	5, 224	29, 992	50, 563	4, 318	54, 881	60, 948	5, 153	66, 101
47. Power transmission and distribution lines, trolley wires .....	272, 251	36, 911	309, 162	275, 259	36, 618	311, 877	297, 332	39, 708	337, 040
48. Street lighting .....	10, 746	2, 561	13, 307	8, 638	2, 616	11, 254	10, 133	3, 123	13, 256
<b>Railway, telephone and telegraph .....</b>	<b>286, 382</b>	<b>165, 389</b>	<b>451, 771</b>	<b>294, 751</b>	<b>175, 500</b>	<b>470, 251</b>	<b>287, 725</b>	<b>201, 766</b>	<b>489, 491</b>
49. Railway tracks and roadbed .....	110, 103	103, 025	213, 128	128, 177	111, 238	239, 415	115, 035	131, 554	246, 589
50. Signals and interlockers .....	8, 571	9, 427	17, 998	11, 254	11, 559	22, 813	12, 857	13, 711	26, 568
51. Telegraph and telephone lines, underground and marine cables	167, 708	52, 937	220, 645	155, 320	52, 703	208, 023	159, 833	56, 501	216, 334
<b>Gas and oil facilities .....</b>	<b>200, 454</b>	<b>10, 927</b>	<b>211, 381</b>	<b>216, 995</b>	<b>11, 660</b>	<b>228, 655</b>	<b>286, 975</b>	<b>12, 739</b>	<b>299, 714</b>
52. Gas mains and services .....	59, 402	5, 476	64, 878	54, 927	5, 991	60, 918	64, 353	6, 340	70, 693
53. Pumping stations, oil .....	4, 989	424	5, 413	13, 022	1, 835	14, 857	9, 640	2, 103	11, 743
54. Pumping stations, gas .....	9, 480	280	9, 760	7, 265	369	7, 634	20, 909	481	21, 390
55. Oil storage tanks .....	2, 046	408	2, 454	2, 710	107	2, 817	3, 660	109	3, 769
56. Gas storage tanks .....	3, 554	70	3, 624	3, 471	241	3, 712	3, 803	114	3, 917
57. Oil pipe lines .....	67, 152	2, 757	69, 909	74, 224	2, 063	76, 287	66, 934	2, 419	69, 353
58. Gas pipe lines .....	52, 041	1, 184	53, 225	60, 601	991	61, 592	116, 694	1, 067	117, 761
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	1, 103	172	1, 275	609	34	643	807	74	881
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	687	156	843	166	29	195	175	32	207
<b>Other engineering construction .....</b>	<b>98, 926</b>	<b>13, 501</b>	<b>112, 427</b>	<b>74, 523</b>	<b>12, 059</b>	<b>86, 582</b>	<b>56, 561</b>	<b>14, 005</b>	<b>70, 566</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	50, 979	9, 765	60, 744	32, 552	8, 830	41, 382	22, 948	10, 441	33, 389
64. Tunnels and subways .....	40, 843	355	41, 198	32, 021	435	32, 456	20, 528	387	20, 915
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	31	119	150	212	49	261	105	48	153
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	10	10	142	5	147	5	13	18
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1, 328	2, 151	3, 479	1, 703	1, 921	3, 624	1, 469	2, 323	3, 792
70. Other engineering construction .....	5, 745	1, 101	6, 846	7, 893	819	8, 712	11, 506	793	12, 299

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1966-68<sup>1,2</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>860,070</b>	<b>98,202</b>	<b>958,272</b>	<b>727,219</b>	<b>100,976</b>	<b>828,195</b>	<b>694,920</b>	<b>98,655</b>	<b>793,575</b>
<b>Total building construction</b> .....	<b>784,076</b>	<b>94,613</b>	<b>878,689</b>	<b>693,987</b>	<b>96,915</b>	<b>790,902</b>	<b>673,418</b>	<b>94,892</b>	<b>768,310</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>12,691</b>	<b>737</b>	<b>13,428</b>	<b>23,850</b>	<b>469</b>	<b>24,319</b>	<b>13,805</b>	<b>543</b>	<b>14,348</b>
2. Factories, plants, work shops, food canneries.....	12,691	737	13,428	23,850	469	24,319	13,805	543	14,348
3. Mine and mine mill buildings.....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings.....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations.....	—	—	—	—	—	—	—	—	—
<b>Commercial</b> .....	<b>761,403</b>	<b>93,734</b>	<b>855,137</b>	<b>666,450</b>	<b>96,274</b>	<b>762,724</b>	<b>654,285</b>	<b>94,110</b>	<b>748,395</b>
6. Warehouses, storehouses, refrigerated storage, etc.....	29,217	4,658	33,875	43,309	4,455	47,764	43,377	4,927	48,304
7. Grain elevators.....	320	1	321	138	27	165	4	31	35
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	99,694	15,374	115,068	75,875	14,987	90,862	56,530	14,255	70,785
9. Office buildings.....	247,580	20,862	268,442	247,288	20,827	268,115	257,344	20,735	278,079
10. Stores, retail and wholesale.....	264,046	37,498	301,544	190,893	37,561	228,454	217,139	37,027	254,166
11. Garages and service stations.....	30,335	9,616	39,951	49,980	12,438	62,418	44,909	12,397	57,306
12. Theatres, arenas, amusement and recreational buildings.....	87,838	4,075	91,913	57,214	4,670	61,884	32,772	3,435	36,207
13. Laundries and dry cleaning establishments.....	2,373	1,650	4,023	1,753	1,309	3,062	2,210	1,303	3,513
<b>Institutional</b> .....	<b>3,413</b>	<b>16</b>	<b>3,429</b>	<b>282</b>	—	<b>282</b>	—	—	—
14. Schools and other educational buildings.....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings.....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	—	—	—	—	—	—	—	—
17. Other institutional buildings.....	3,413	16	3,429	282	—	282	—	—	—
<b>Other building construction</b> .....	<b>6,569</b>	<b>126</b>	<b>6,695</b>	<b>3,405</b>	<b>172</b>	<b>3,577</b>	<b>5,328</b>	<b>239</b>	<b>5,567</b>
18. Farm buildings (excluding dwellings).....	689	25	714	73	15	88	82	25	107
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars.....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air.....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	14	1	15	—	—	—	350	—	350
24. Other building construction.....	5,866	100	5,966	3,332	157	3,489	4,896	214	5,110
<b>Total engineering construction</b> .....	<b>75,994</b>	<b>3,589</b>	<b>79,583</b>	<b>33,232</b>	<b>4,061</b>	<b>37,293</b>	<b>21,502</b>	<b>3,763</b>	<b>25,265</b>
<b>Marine construction</b> .....	<b>1,547</b>	<b>3</b>	<b>1,550</b>	<b>188</b>	<b>13</b>	<b>201</b>	<b>552</b>	<b>12</b>	<b>564</b>
25. Docks, wharves, piers, breakwaters.....	143	3	146	186	13	199	550	12	562
26. Retaining walls, embankments, riprapping.....	—	—	—	2	—	2	—	—	—
27. Canals and waterways.....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving.....	4	—	4	—	—	—	2	—	2
29. Dyke construction.....	—	—	—	—	—	—	—	—	—
30. Logging booms.....	—	—	—	—	—	—	—	—	—
31. Other marine construction.....	1,400	—	1,400	—	—	—	—	—	—

See footnotes at end of table.

**TABLE 13. Total Value of Construction Work Performed - New and Repair by Type of Structure by Trade Finance and Commercial Services, 1966-68<sup>1,2</sup> - Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>12,037</b>	<b>689</b>	<b>12,726</b>	<b>6,104</b>	<b>619</b>	<b>6,723</b>	<b>5,508</b>	<b>647</b>	<b>6,155</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	9,517	618	10,135	4,441	560	5,001	4,371	585	4,956
33. Gravel or stone streets, highways, roads, parking lots, etc....	89	48	137	944	37	981	736	39	775
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,830	9	1,839	23	6	29	26	6	32
35. Grading, scraping, oiling, filling .....	561	11	572	608	16	624	333	17	350
36. Sidewalks, paths .....	40	3	43	88	—	88	42	—	42
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems.....</b>	<b>7,121</b>	<b>15</b>	<b>7,136</b>	<b>4,062</b>	<b>27</b>	<b>4,089</b>	<b>3,056</b>	<b>26</b>	<b>3,082</b>
38. Tile drains, drainage ditches, storm sewers .....	2,824	6	2,830	1,282	5	1,287	1,022	5	1,027
39. Water mains, hydrants and services .....	2,783	3	2,786	1,244	2	1,246	978	3	981
40. Sewage systems and connections .....	1,114	6	1,120	1,535	20	1,555	1,052	18	1,070
41. Pumping stations, water .....	400	—	400	1	—	1	3	—	3
42. Water storage tanks .....	—	—	—	—	—	—	1	—	1
<b>Dams and irrigation.....</b>	<b>43</b>	<b>—</b>	<b>43</b>	<b>24</b>	<b>—</b>	<b>24</b>	<b>16</b>	<b>—</b>	<b>16</b>
43. Dams and reservoirs .....	43	—	43	24	—	24	16	—	16
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction.....</b>	<b>5,080</b>	<b>8</b>	<b>5,088</b>	<b>2,452</b>	<b>10</b>	<b>2,462</b>	<b>394</b>	<b>20</b>	<b>414</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	35	—	35	36	—	36
46. Electric transformer stations .....	218	—	218	—	—	—	3	—	3
47. Power transmission and distribution lines, trolley wires .....	2,322	6	2,328	1,279	—	1,279	153	—	153
48. Street lighting .....	2,540	2	2,542	1,138	10	1,148	202	20	222
<b>Railway, telephone and telegraph.....</b>	<b>6,809</b>	<b>—</b>	<b>6,809</b>	<b>45</b>	<b>1</b>	<b>46</b>	<b>59</b>	<b>—</b>	<b>59</b>
49. Railway tracks and roadbed .....	223	—	223	—	1	1	39	—	39
50. Signals and interlockers .....	6,586	—	6,586	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	45	—	45	20	—	20
<b>Gas and oil facilities .....</b>	<b>7,389</b>	<b>1,019</b>	<b>8,408</b>	<b>5,593</b>	<b>1,026</b>	<b>6,619</b>	<b>9,927</b>	<b>1,169</b>	<b>11,096</b>
52. Gas main and services .....	600	3	603	146	—	146	35	—	35
53. Pumping stations, oil.....	3	—	3	702	171	873	810	188	998
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	5,067	987	6,054	4,302	853	5,155	8,841	978	9,819
56. Gas storage tanks .....	1,603	26	1,629	8	—	8	26	3	29
57. Oil pipe lines .....	116	3	119	66	2	68	65	—	65
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells.....	—	—	—	—	—	—	—	—	—
61. Oil refinery - Processing units .....	—	—	—	369	—	369	150	—	150
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>35,968</b>	<b>1,855</b>	<b>37,823</b>	<b>14,764</b>	<b>2,365</b>	<b>17,129</b>	<b>1,990</b>	<b>1,889</b>	<b>3,879</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	4,373	—	4,373	96	4	100	1	2	3
64. Tunnels and subways .....	7,275	—	7,275	3,872	—	3,872	—	—	—
65. Incinerators .....	3	—	3	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	7,172	115	7,287	4,369	—	4,369	266	1	267
67. Swimming pools, tennis courts, outdoor recreation facilities....	603	450	1,053	61	516	577	68	509	577
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	393	4	397	430	9	439	484	12	496
70. Other engineering construction .....	16,149	1,286	17,435	5,936	1,836	7,772	1,171	1,365	2,536

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> Included in "Other engineering construction".



**TABLE 14. Total Value of Construction Work Performed - New and Repair by Type of Structure by Federal Government Departments, 1966-68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>311,762</b>	<b>88,649</b>	<b>400,411</b>	<b>378,782</b>	<b>75,722</b>	<b>454,504</b>	<b>401,625</b>	<b>79,218</b>	<b>480,843</b>
<b>Total building construction .....</b>	<b>140,458</b>	<b>56,655</b>	<b>197,113</b>	<b>174,806</b>	<b>47,846</b>	<b>222,652</b>	<b>185,132</b>	<b>50,118</b>	<b>235,250</b>
2. Factories, plants, workshops, food canneries .....	11,954	11,375	23,329	15,204	10,137	25,341	16,604	10,552	27,156
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,238	2,205	5,443	3,792	1,651	5,443	4,485	1,744	6,229
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,392	1,311	2,703	2,098	1,082	3,180	2,613	1,132	3,745
9. Office buildings .....	47,875	13,436	61,311	60,934	12,188	73,122	66,478	12,717	79,195
10. Stores, retail and wholesale .....	32	464	496	41	312	353	41	339	380
11. Garages and service stations .....	906	882	1,788	1,316	624	1,940	1,237	652	1,889
12. Theatres, arenas, amusement and recreational buildings .....	10,668	1,193	11,861	12,764	865	13,629	12,962	914	13,876
14. Schools and other educational buildings .....	14,914	2,350	17,264	16,327	1,960	18,287	16,204	2,106	18,310
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,257	2,204	5,461	3,686	1,823	5,509	3,894	1,924	5,818
17. Other institutional buildings .....	11,023	616	11,639	17,563	379	17,942	20,459	400	20,859
18. Farm buildings (excluding dwellings) .....	12,369	327	12,696	13,239	282	13,521	13,184	301	13,485
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,902	636	2,538	2,226	428	2,654	2,046	460	2,506
20. Aeroplane hangars .....	973	2,969	3,942	1,099	2,188	3,287	1,085	2,297	3,382
21. Passenger terminals, bus, boat or air .....	11,913	14	11,927	14,517	21	14,538	13,312	21	13,333
22. Armouries, barracks, drill halls, etc. ....	6,093	12,383	18,476	7,564	10,136	17,700	7,977	10,607	18,584
24. Other building construction .....	1,949	4,290	6,239	2,436	3,770	6,206	2,551	3,952	6,503
<b>Total engineering construction .....</b>	<b>171,304</b>	<b>31,994</b>	<b>203,298</b>	<b>203,976</b>	<b>27,876</b>	<b>231,852</b>	<b>216,493</b>	<b>29,100</b>	<b>245,593</b>
25. Docks, wharves, piers, breakwaters .....	44,256	5,130	49,386	42,090	5,233	47,323	42,082	5,330	47,412
26. Retaining walls, embankments, riprapping .....	2,066	433	2,499	3,365	376	3,741	4,020	382	4,402
27. Canals and waterways .....	4,308	388	4,696	5,738	334	6,072	6,553	342	6,895
28. Dredging and pile driving .....	1,666	2,849	4,515	1,930	3,020	4,950	1,909	3,158	5,067
29. Dyke construction .....	771	277	1,048	486	200	686	334	208	542
31. Other marine construction .....	3,574	177	3,751	4,881	199	5,080	4,467	213	4,680
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	13,201	2,819	16,020	17,301	2,426	19,727	18,077	2,513	20,590
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	9,686	1,815	11,501	12,095	1,489	13,584	10,649	1,550	12,199
34. Dirt, clay or other streets, roads, parking lots, etc. ....	690	558	1,248	790	471	1,261	803	492	1,295
35. Grading, scraping, oiling, filling .....	380	231	611	447	190	637	396	203	599
37. Aerodromes, landing fields, runways, tarmac .....	14,436	3,611	18,047	19,764	2,712	22,476	20,493	2,838	23,331
38. Tile drains, drainage ditches, storm sewers .....	716	526	1,242	898	446	1,344	894	460	1,354
39. Water mains, hydrants and services .....	3,317	875	4,192	4,881	741	5,622	4,885	789	5,674
40. Sewage systems and connections .....	955	736	1,691	1,264	597	1,861	1,368	622	1,990
43. Dams and reservoirs .....	14,879	1,422	16,301	8,982	1,043	10,025	9,084	1,131	10,215
44. Irrigation and land reclamation projects .....	1,264	942	2,206	993	620	1,613	897	666	1,563
45. Electric power generating plants, including water conveying and controlling structures .....	11,106	1,431	12,537	15,684	1,158	16,842	18,207	1,222	19,429
46. Electric transformer stations .....	162	173	335	176	142	318	175	148	323
47. Power transmission and distribution lines, trolley wires .....	1,731	824	2,555	16,777	673	17,450	21,562	701	22,263
55. Oil storage tanks .....	297	291	588	273	255	528	275	264	539
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,778	501	9,279	9,354	453	9,807	11,569	481	12,050
66. Park systems, landscaping, sodding, etc. ....	11,639	2,576	14,215	8,342	2,173	10,515	7,412	2,285	9,697
67. Swimming pools, tennis courts, outdoor recreation facilities .....	946	462	1,408	758	403	1,161	785	436	1,221
69. Fences, snowsheds, signs, guard rails .....	245	429	674	340	336	676	374	353	727
70. Other engineering construction .....	20,235	2,518	22,753	26,367	2,186	28,553	29,223	2,313	31,536

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 15. Total Value of Construction Work Performed - New and Repair by Type of Structure by Provincial Government Departments, 1966-68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>826,868</b>	<b>246,534</b>	<b>1,073,402</b>	<b>828,217</b>	<b>232,558</b>	<b>1,060,775</b>	<b>918,791</b>	<b>277,936</b>	<b>1,196,727</b>
<b>Total building construction .....</b>	<b>94,425</b>	<b>35,565</b>	<b>129,990</b>	<b>128,615</b>	<b>29,264</b>	<b>157,879</b>	<b>165,292</b>	<b>39,932</b>	<b>205,224</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,248	1,639	7,887	8,739	2,741	11,480	16,474	3,562	20,036
9. Office buildings .....	41,616	15,159	56,775	26,077	13,173	39,250	41,887	15,633	57,520
10. Stores, retail and wholesale .....	32	34	66	—	—	—	—	—	—
17. Other institutional buildings .....	22,990	11,117	34,107	53,474	8,550	62,024	67,909	16,055	83,964
24. Other building construction.....	23,539	7,616	31,155	40,325	4,800	45,125	39,022	4,682	43,704
<b>Total engineering construction.....</b>	<b>732,443</b>	<b>210,969</b>	<b>943,412</b>	<b>699,602</b>	<b>203,294</b>	<b>902,896</b>	<b>753,499</b>	<b>238,004</b>	<b>991,503</b>
25. Docks, wharves, piers, breakwaters .....	1,663	213	1,876	1,292	498	1,790	2,048	165	2,213
26. Retaining walls, embankments, riprapping .....	5,134	4,009	9,143	304	3	307	287	4	291
31. Other marine construction .....	1,744	3,501	5,245	1,737	3,256	4,993	4,294	3,555	7,849
32. Hard surfaced or paved streets, highways, parking lots, etc.	348,599	80,467	429,066	367,061	103,051	470,112	383,068	125,497	508,565
33. Gravel or stone streets, highways, roads, parking lots, etc.	188,735	69,569	258,304	136,493	53,063	189,556	140,905	60,865	201,770
34. Dirt, clay or other streets, roads, parking lots, etc.....	18,088	11,374	29,462	38,501	9,030	47,531	52,337	10,472	62,809
35. Grading, scraping, oiling, filling.....	36,807	17,444	54,251	38,217	12,683	50,900	41,133	15,131	56,264
38. Tile drains, drainage ditches, storm sewers .....	4,767	4,047	8,814	8,899	1,316	10,215	10,228	1,204	11,432
39. Water mains, hydrants and services.....	572	51	623	2,879	45	2,924	795	61	856
40. Sewage systems and connections.....	175	1,515	1,690	809	15	824	1,008	20	1,028
43. Dams and reservoirs.....	169	—	169	593	16	609	4,302	41	4,343
44. Irrigation and land reclamation projects .....	14,856	19	14,875	8,324	28	8,352	7,892	76	7,968
47. Power transmission and distribution lines, trolley wires....	12	—	12	998	11	1,009	466	10	476
51. Telegraph and telephone lines, underground and marine cables.....	1,395	38	1,433	—	—	—	—	—	—
63. Bridges, trestles, culverts, overpasses, viaducts.....	81,413	14,554	95,967	71,488	14,062	85,550	83,078	15,661	98,739
66. Park systems, landscaping, sodding, etc. ....	7,454	1,421	8,875	8,543	2,727	11,270	9,348	3,029	12,377
67. Swimming pools, tennis courts, outdoor recreation facilities	364	83	447	645	75	720	1,218	94	1,312
69. Fences, snowsheds, signs, guard rails.....	2,978	1,901	4,879	5,248	225	5,473	4,431	192	4,623
70. Other engineering construction.....	17,518	763	18,281	7,571	3,190	10,761	6,661	1,927	8,588

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 16. Total Value of Construction Work Performed — New and Repair by Type of Structure by Municipal Government Departments, 1966 - 68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>563,728</b>	<b>121,692</b>	<b>685,420</b>	<b>581,699</b>	<b>136,661</b>	<b>718,360</b>	<b>659,789</b>	<b>145,212</b>	<b>805,001</b>
<b>Total building construction .....</b>	<b>110,993</b>	<b>5,871</b>	<b>116,864</b>	<b>108,100</b>	<b>7,186</b>	<b>115,286</b>	<b>112,269</b>	<b>7,755</b>	<b>120,024</b>
9. Office buildings .....	16,037	2,018	18,055	12,229	2,178	14,407	22,066	2,645	24,711
12. Theatres, arenas, amusement and recreational buildings .....	57,438	1,903	59,341	58,186	2,812	60,998	32,695	2,680	35,375
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8,655	297	8,952	9,099	371	9,470	21,691	353	22,044
17. Other institutional buildings .....	12,583	728	13,311	10,143	1,103	11,246	16,144	1,048	17,192
30. Other building construction .....	16,280	925	17,205	18,443	722	19,165	19,673	1,029	20,702
<b>Total engineering construction .....</b>	<b>452,735</b>	<b>115,821</b>	<b>568,556</b>	<b>473,599</b>	<b>129,475</b>	<b>603,074</b>	<b>547,520</b>	<b>137,457</b>	<b>684,977</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	204,988	70,169	275,157	206,615	76,540	283,155	225,737	81,773	307,510
36. Sidewalks, paths .....	16,540	5,421	21,961	15,445	6,094	21,539	18,669	6,455	25,124
40. Sewage systems and connections .....	152,744	20,090	172,834	148,411	24,128	172,539	189,012	25,736	214,748
48. Street lighting .....	6,345	1,977	8,322	7,803	2,349	10,152	7,105	2,352	9,457
63. Bridges, trestles, culverts, overpasses, viaducts .....	43,019	3,128	46,147	58,534	4,649	63,183	68,696	4,328	73,024
70. Other engineering construction .....	29,099	15,036	44,135	36,791	15,715	52,506	38,301	16,813	55,114

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 17. Total Value of Construction Work Performed — New and Repair by Residential and Institutional Services, 1966 - 68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential:</b>									
<b>Total value of construction .....</b>	<b>2,181,400</b>	<b>661,200</b>	<b>2,842,600</b>	<b>2,351,600</b>	<b>713,100</b>	<b>3,064,700</b>	<b>2,576,600</b>	<b>777,000</b>	<b>3,353,600</b>
<b>Institutional:</b>									
<b>Total value of construction .....</b>	<b>1,020,533</b>	<b>72,960</b>	<b>1,093,493</b>	<b>1,171,445</b>	<b>86,465</b>	<b>1,257,910</b>	<b>1,478,203</b>	<b>98,713</b>	<b>1,576,916</b>
<b>Total building construction .....</b>	<b>1,005,866</b>	<b>72,786</b>	<b>1,078,652</b>	<b>1,160,956</b>	<b>86,096</b>	<b>1,247,052</b>	<b>1,464,814</b>	<b>98,340</b>	<b>1,563,154</b>
8. Hotels, clubs, restaurants, cafeteria, tourist cabins .....	14	10	24	—	12	12	250	30	280
9. Office buildings .....	171	18	189	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	3,238	30	3,268	226	36	262	1,697	36	1,733
14. Schools and other educational buildings .....	741,911	41,387	783,298	865,285	49,424	914,709	1,127,293	59,350	1,186,643
15. Churches and other religious buildings .....	46,901	7,370	54,271	46,808	7,122	53,930	35,845	5,928	41,773
16. Hospitals, sanatoria, clinics, first-aid stations etc. ....	174,088	21,631	195,719	214,112	27,830	241,942	261,669	31,035	292,704
17. Other institutional buildings .....	39,518	2,318	41,836	34,048	1,638	35,686	37,854	1,924	39,778
18. Farm buildings (excluding dwellings) .....	25	22	47	367	30	397	140	37	177
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Other building construction .....	—	—	—	110	4	114	66	—	66
<b>Total engineering construction .....</b>	<b>14,667</b>	<b>174</b>	<b>14,841</b>	<b>10,489</b>	<b>369</b>	<b>10,858</b>	<b>13,389</b>	<b>373</b>	<b>13,762</b>

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.



**TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1966 - 68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>222,565</b>	<b>33,691</b>	<b>256,256</b>	<b>239,460</b>	<b>41,720</b>	<b>281,180</b>	<b>304,994</b>	<b>43,389</b>	<b>348,383</b>
<b>Total building construction .....</b>	<b>114,476</b>	<b>21,976</b>	<b>136,452</b>	<b>104,151</b>	<b>24,201</b>	<b>128,352</b>	<b>101,053</b>	<b>25,739</b>	<b>126,792</b>
Residential .....	25,800	11,200	37,000	35,700	12,100	47,800	39,200	13,200	52,400
Industrial .....	18,359	4,934	23,293	17,100	6,176	23,276	11,586	6,518	18,104
Commercial .....	30,296	2,750	33,046	14,717	2,530	17,247	15,392	2,485	17,877
Institutional .....	34,955	2,648	37,603	24,820	2,201	27,021	26,622	2,487	29,109
Other building construction .....	5,066	444	5,510	11,814	1,194	13,008	8,253	1,049	9,302
<b>Total engineering construction .....</b>	<b>108,089</b>	<b>11,715</b>	<b>119,804</b>	<b>135,309</b>	<b>17,519</b>	<b>152,828</b>	<b>203,941</b>	<b>17,650</b>	<b>221,591</b>
Marine construction .....	16,984	1,546	18,530	8,560	2,877	11,437	11,330	2,539	13,869
Road, highway and aerodrome construction .....	28,128	6,651	34,779	43,336	10,725	54,061	58,870	10,617	69,487
Waterworks and sewage systems .....	763	135	898	931	213	1,144	1,627	207	1,834
Dams and irrigation .....	20	112	132	208	24	232	266	35	301
Electric power construction .....	47,706	1,509	49,215	73,002	1,485	74,487	118,969	1,893	120,862
Railway, telephone and telegraph .....	848	1,315	2,163	3,415	1,756	5,171	2,345	2,140	4,485
Gas and oil facilities .....	4,748	145	4,893	2,636	7	2,643	9,222	7	9,229
Other engineering construction .....	8,892	302	9,194	3,221	432	3,653	1,312	212	1,524

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1966 - 68<sup>1</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>36,242</b>	<b>8,234</b>	<b>44,476</b>	<b>34,962</b>	<b>7,281</b>	<b>42,243</b>	<b>37,137</b>	<b>7,935</b>	<b>45,072</b>
<b>Total building construction .....</b>	<b>18,087</b>	<b>4,351</b>	<b>22,438</b>	<b>17,347</b>	<b>4,336</b>	<b>21,683</b>	<b>18,462</b>	<b>4,671</b>	<b>23,133</b>
Residential .....	7,300	2,000	9,300	7,800	2,100	9,900	8,500	2,300	10,800
Industrial .....	879	131	1,010	758	172	930	323	197	520
Commercial .....	3,541	505	4,046	3,393	463	3,856	3,088	510	3,598
Institutional .....	5,110	249	5,359	4,231	363	4,594	5,242	429	5,671
Other building construction .....	1,257	1,466	2,723	1,165	1,238	2,403	1,309	1,235	2,544
<b>Total engineering construction .....</b>	<b>18,155</b>	<b>3,883</b>	<b>22,038</b>	<b>17,615</b>	<b>2,945</b>	<b>20,560</b>	<b>18,675</b>	<b>3,264</b>	<b>21,939</b>
Marine construction .....	877	541	1,418	824	358	1,182	1,049	386	1,435
Road, highway and aerodrome construction .....	9,287	1,879	11,166	8,455	1,392	9,847	8,037	1,610	9,647
Waterworks and sewage systems .....	493	306	799	486	266	752	387	226	613
Dams and irrigation .....	89	102	191	89	102	191	87	99	186
Electric power construction .....	1,258	386	1,644	3,446	371	3,817	3,638	414	4,052
Railway, telephone and telegraph .....	1,029	187	1,216	835	207	1,042	666	245	911
Gas and oil facilities .....	200	18	218	319	49	368	387	54	441
Other engineering construction .....	4,922	464	5,386	3,161	200	3,361	4,424	230	4,654

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1966-68<sup>1,2,3</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>248,824</b>	<b>65,831</b>	<b>314,655</b>	<b>256,680</b>	<b>63,076</b>	<b>319,756</b>	<b>290,787</b>	<b>66,932</b>	<b>357,719</b>
<b>Total building construction .....</b>	<b>147,846</b>	<b>36,302</b>	<b>184,148</b>	<b>153,087</b>	<b>32,697</b>	<b>185,784</b>	<b>155,672</b>	<b>33,146</b>	<b>188,818</b>
<b>Residential .....</b>	<b>50,200</b>	<b>15,200</b>	<b>65,400</b>	<b>42,400</b>	<b>16,400</b>	<b>58,800</b>	<b>46,400</b>	<b>17,900</b>	<b>64,300</b>
<b>Industrial .....</b>	<b>30,340</b>	<b>4,212</b>	<b>34,552</b>	<b>22,637</b>	<b>3,668</b>	<b>26,305</b>	<b>7,359</b>	<b>3,214</b>	<b>10,573</b>
2. Factories, plants, workshops, food canneries .....	29,996	3,609	33,605	22,249	2,806	25,055	6,949	2,536	9,485
3. Mine and mine mill buildings .....	53	149	202	51	342	393	63	83	146
4. Railway stations, offices, roadway buildings .....	193	309	502	229	347	576	236	400	636
5. Railway shops, engine houses, water and fuel stations .....	98	145	243	108	173	281	111	195	306
<b>Commercial .....</b>	<b>19,175</b>	<b>7,537</b>	<b>26,712</b>	<b>28,324</b>	<b>5,449</b>	<b>33,773</b>	<b>27,383</b>	<b>5,395</b>	<b>32,778</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,769	1,313	3,082	3,549	903	4,452	1,985	846	2,831
7. Grain elevators .....	1,106	53	1,159	1,131	71	1,202	1	81	82
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,340	457	1,797	2,469	331	2,800	1,265	392	1,657
9. Office buildings .....	5,228	2,838	8,066	11,347	1,545	12,892	16,681	1,573	18,254
10. Stores, retail and wholesale .....	4,451	1,304	5,755	3,718	1,487	5,205	4,512	1,239	5,751
11. Garages and service stations .....	1,426	863	2,289	1,727	603	2,330	556	671	1,227
12. Theatres, arenas, amusement and recreational buildings .....	3,760	672	4,432	4,380	478	4,858	2,356	566	2,922
13. Laundries and dry cleaning establishments .....	95	37	132	3	31	34	27	27	54
<b>Institutional .....</b>	<b>40,489</b>	<b>4,060</b>	<b>44,549</b>	<b>52,548</b>	<b>3,311</b>	<b>55,859</b>	<b>68,584</b>	<b>3,193</b>	<b>71,777</b>
14. Schools and other educational buildings .....	27,879	1,779	29,658	41,219	1,676	42,895	56,644	1,828	58,472
15. Churches and other religious buildings .....	1,030	457	1,487	905	245	1,150	223	188	411
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,611	1,241	11,852	8,046	1,006	9,052	10,669	810	11,479
17. Other institutional buildings .....	969	583	1,552	2,378	384	2,762	1,048	367	1,415
<b>Other building construction .....</b>	<b>7,642</b>	<b>5,293</b>	<b>12,935</b>	<b>7,178</b>	<b>3,869</b>	<b>11,047</b>	<b>5,946</b>	<b>3,444</b>	<b>9,390</b>
18. Farm buildings (excluding dwellings) .....	4,317	1,319	5,636	4,488	1,323	5,811	3,483	1,288	4,771
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,198	597	1,795	543	274	817	690	266	956
20. Aeroplane hangars .....	301	892	1,193	268	473	741	305	504	809
21. Passenger terminals, bus, boat or air .....	1,042	40	1,082	927	8	935	691	5	696
22. Armouries, barracks, drill halls, etc. ....	636	1,656	2,292	567	878	1,445	380	936	1,316
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	46	17	63	44	12	56	47	11	58
24. Other building construction .....	102	772	874	341	901	1,242	350	434	784
<b>Total engineering construction .....</b>	<b>100,978</b>	<b>29,529</b>	<b>130,507</b>	<b>103,593</b>	<b>30,379</b>	<b>133,972</b>	<b>135,115</b>	<b>33,786</b>	<b>168,901</b>
<b>Marine construction .....</b>	<b>11,155</b>	<b>1,095</b>	<b>12,250</b>	<b>8,829</b>	<b>1,130</b>	<b>9,959</b>	<b>8,339</b>	<b>726</b>	<b>9,065</b>
25. Docks, wharves, piers, breakwaters .....	9,476	772	10,248	7,689	991	8,680	7,581	579	8,160
26. Retaining walls, embankments, riprapping .....	436	19	455	55	12	67	31	12	43
27. Canals and waterways .....	—	8	8	—	4	4	—	4	4
28. Dredging and pile driving .....	459	85	544	409	43	452	274	46	320
29. Dyke construction .....	531	137	668	462	73	535	310	78	388
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	253	74	327	214	7	221	143	7	150

See footnotes at end of table.



**TABLE 20. Total Value of Construction Work Performed - New and Repair by Type of Structure - Nova Scotia, 1966-68<sup>1,2,3</sup> - Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>44,865</b>	<b>12,845</b>	<b>57,710</b>	<b>46,081</b>	<b>14,239</b>	<b>60,320</b>	<b>49,854</b>	<b>16,449</b>	<b>66,303</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	34,513	9,222	43,735	23,058	6,996	30,054	25,082	8,149	33,231
33. Gravel or stone streets, highways, roads, parking lots, etc.....	8,667	2,240	10,907	21,673	6,445	28,118	23,589	7,509	31,098
34. Dirt, clay or other streets, roads, parking lots, etc.....	456	206	662	628	144	772	340	87	427
35. Grading, scraping, oiling, filling .....	-	17	17	-	11	11	-	10	10
36. Sidewalks, paths .....	745	122	867	291	92	383	554	107	661
37. Aerodromes, landing fields, runways, tarmac .....	484	1,038	1,522	431	551	982	289	587	876
<b>Waterworks and sewage systems .....</b>	<b>7,462</b>	<b>1,789</b>	<b>9,251</b>	<b>5,622</b>	<b>1,240</b>	<b>6,862</b>	<b>8,942</b>	<b>1,178</b>	<b>10,120</b>
38. Tile drains, drainage ditches, storm sewers .....	260	206	466	411	176	587	247	173	420
39. Water mains, hydrants and services .....	3,521	1,005	4,526	2,469	653	3,122	2,553	608	3,161
40. Sewage systems and connections .....	3,469	528	3,997	2,702	359	3,061	5,730	359	6,089
41. Pumping stations, water .....	178	20	198	5	14	19	-	2	2
42. Water storage tanks .....	34	30	64	35	38	73	412	36	448
<b>Dams and irrigation .....</b>	<b>725</b>	<b>662</b>	<b>1,387</b>	<b>548</b>	<b>566</b>	<b>1,114</b>	<b>969</b>	<b>590</b>	<b>1,559</b>
43. Dams and reservoirs .....	450	502	952	272	404	676	700	433	1,133
44. Irrigation and land reclamation projects .....	275	160	435	276	162	438	269	157	426
<b>Electric power construction .....</b>	<b>14,889</b>	<b>3,020</b>	<b>17,909</b>	<b>21,470</b>	<b>3,123</b>	<b>24,593</b>	<b>39,465</b>	<b>3,034</b>	<b>42,499</b>
45. Electric power generating plants, including water conveying and controlling structures .....	6,775	573	7,348	13,417	612	14,029	25,930	391	26,321
46. Electric transformer stations .....	591	195	786	1,354	467	1,821	4,553	392	4,945
47. Power transmission and distribution lines, trolley wires .....	7,113	2,115	9,228	6,191	1,849	8,040	8,192	1,992	10,184
48. Street lighting .....	410	137	547	508	195	703	790	259	1,049
<b>Railway, telephone and telegraph .....</b>	<b>8,253</b>	<b>4,341</b>	<b>12,594</b>	<b>8,050</b>	<b>4,316</b>	<b>12,366</b>	<b>7,878</b>	<b>4,936</b>	<b>12,814</b>
49. Railway tracks and roadbed .....	1,895	2,896	4,791	1,720	2,808	4,528	1,792	3,214	5,006
50. Signals and interlockers .....	137	211	348	200	278	478	205	344	549
51. Telegraph and telephone lines, underground and marine cables .....	6,221	1,234	7,455	6,130	1,230	7,360	5,881	1,378	7,259
<b>Gas and oil facilities .....</b>	<b>440</b>	<b>99</b>	<b>539</b>	<b>562</b>	<b>89</b>	<b>651</b>	<b>481</b>	<b>94</b>	<b>575</b>
52. Gas mains and services .....	-	-	-	-	-	-	-	-	-
53. Pumping stations, oil .....	-	-	-	292	69	361	359	76	435
54. Pumping stations, gas .....	-	-	-	-	-	-	-	-	-
55. Oil storage tanks .....	409	72	481	270	16	286	122	14	136
56. Gas storage tanks .....	-	-	-	-	3	3	-	2	2
57. Oil pipe lines .....	28	4	32	-	1	1	-	1	1
58. Gas pipe lines.....	3	23	26	-	-	-	-	1	1
59. Oil wells .....	-	-	-	-	-	-	-	-	-
60. Gas wells .....	-	-	-	-	-	-	-	-	-
61. Oil refinery - Processing units <sup>3</sup> .....	-	-	-	-	-	-	-	-	-
62. Natural gas cleaning plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>13,189</b>	<b>5,678</b>	<b>18,867</b>	<b>12,431</b>	<b>5,676</b>	<b>18,107</b>	<b>19,187</b>	<b>6,779</b>	<b>25,966</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,648	1,703	7,351	8,436	1,550	9,986	15,995	1,807	17,802
64. Tunnels and subways .....	-	47	47	-	25	25	-	27	27
65. Incinerators .....	10	-	10	9	-	9	6	-	6
66. Park systems, landscaping, sodding, etc. ....	147	317	464	468	168	636	497	179	676
67. Swimming pools, tennis courts, outdoor recreation facilities ....	66	94	160	63	48	111	21	51	72
68. Mine shafts and other below surface workings .....	104	95	199	283	66	349	264	37	301
69. Fences, snowsheds, signs, guard rails .....	448	339	787	400	311	711	382	306	688
70. Other engineering construction .....	6,766	3,083	9,849	2,772	3,508	6,280	2,022	4,372	6,394

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".



**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1966-68<sup>1,2,3</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>237,657</b>	<b>44,721</b>	<b>282,378</b>	<b>231,224</b>	<b>51,156</b>	<b>282,380</b>	<b>203,451</b>	<b>54,905</b>	<b>258,356</b>
<b>Total building construction .....</b>	<b>127,411</b>	<b>23,676</b>	<b>151,087</b>	<b>106,647</b>	<b>26,761</b>	<b>133,408</b>	<b>118,231</b>	<b>28,942</b>	<b>147,173</b>
<b>Residential .....</b>	<b>45,000</b>	<b>11,200</b>	<b>56,200</b>	<b>42,600</b>	<b>12,100</b>	<b>54,700</b>	<b>46,600</b>	<b>13,200</b>	<b>59,800</b>
<b>Industrial .....</b>	<b>35,408</b>	<b>3,872</b>	<b>39,280</b>	<b>18,055</b>	<b>3,790</b>	<b>21,845</b>	<b>8,526</b>	<b>3,903</b>	<b>12,429</b>
2. Factories, plants, workshops, food canneries .....	27,826	3,058	30,884	17,021	2,869	19,890	7,767	2,783	10,550
3. Mine and mine mill buildings .....	7,164	14	7,178	167	25	192	92	37	129
4. Railway stations, offices, roadway buildings .....	278	554	832	606	598	1,204	460	725	1,185
5. Railway shops, engine houses, water and fuel stations .....	140	246	386	261	298	559	207	358	565
<b>Commercial .....</b>	<b>21,924</b>	<b>4,815</b>	<b>26,739</b>	<b>13,342</b>	<b>4,935</b>	<b>18,277</b>	<b>14,096</b>	<b>5,118</b>	<b>19,214</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,280	399	3,679	2,985	426	3,411	3,818	507	4,325
7. Grain elevators .....	2	46	48	29	62	91	2	42	44
8. Hotels, clubs, restaurants, cafeterias, tourists cabins ..	1,585	209	1,794	273	225	498	454	231	685
9. Office buildings .....	7,231	2,202	9,433	3,262	2,380	5,642	4,423	2,399	6,822
10. Stores, retail and wholesale .....	5,742	1,006	6,748	4,686	872	5,558	4,194	895	5,089
11. Garages and service stations .....	761	496	1,257	1,359	466	1,825	835	541	1,376
12. Theatres, arenas, amusement and recreational buildings ..	3,323	388	3,711	748	442	1,190	370	416	786
13. Laundries and dry cleaning establishments .....	—	69	69	—	62	62	—	87	87
<b>Institutional .....</b>	<b>19,904</b>	<b>1,471</b>	<b>21,375</b>	<b>29,515</b>	<b>3,465</b>	<b>32,980</b>	<b>45,195</b>	<b>4,359</b>	<b>49,554</b>
14. Schools and other educational buildings .....	17,351	342	17,693	22,328	2,342	24,670	33,067	2,890	35,957
15. Churches and other religious buildings .....	548	439	987	624	308	932	250	301	551
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,099	558	1,657	6,442	766	7,208	9,345	1,076	10,421
17. Other institutional buildings .....	906	132	1,038	121	49	170	2,533	92	2,625
<b>Other building construction .....</b>	<b>5,175</b>	<b>2,318</b>	<b>7,493</b>	<b>3,135</b>	<b>2,471</b>	<b>5,606</b>	<b>3,814</b>	<b>2,362</b>	<b>6,176</b>
18. Farm buildings (excluding dwellings) .....	1,682	1,142	2,824	1,653	1,140	2,793	1,579	1,089	2,668
19. Broadcasting, radio and television, relay and booster stations, telephone exchange .....	2,089	176	2,265	847	140	987	953	289	1,242
20. Aeroplane hangars .....	7	91	98	1	94	95	56	96	152
21. Passenger terminals, bus, boat or air .....	185	3	188	19	3	22	50	3	53
22. Armouries, barracks, drill halls, etc. ....	163	596	759	16	618	634	16	633	649
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	385	273	658	354	311	665	451	201	652
24. Other building construction .....	664	37	701	245	165	410	709	51	760
<b>Total engineering construction .....</b>	<b>110,246</b>	<b>21,045</b>	<b>131,291</b>	<b>124,577</b>	<b>24,395</b>	<b>148,972</b>	<b>85,220</b>	<b>25,963</b>	<b>111,183</b>
<b>Marine construction .....</b>	<b>5,334</b>	<b>868</b>	<b>6,202</b>	<b>7,451</b>	<b>964</b>	<b>8,415</b>	<b>7,830</b>	<b>955</b>	<b>8,785</b>
25. Docks, wharves, piers, breakwaters .....	4,976	573	5,549	7,306	595	7,901	7,686	583	8,269
26. Retaining walls, embankments, riprapping .....	1	2	3	60	2	62	10	2	12
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	89	190	279	9	274	283	9	273	282
29. Dyke construction .....	253	33	286	24	34	58	24	35	59
30. Logging booms .....	—	44	44	—	32	32	—	34	34
31. Other marine construction .....	15	26	41	52	27	79	101	28	129

See footnotes at end of table.

**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1966-68<sup>1,2,3</sup>—Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>39,127</b>	<b>8,267</b>	<b>47,394</b>	<b>49,270</b>	<b>11,771</b>	<b>61,041</b>	<b>27,105</b>	<b>11,858</b>	<b>38,963</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	19,927	831	20,758	25,081	6,101	31,182	13,832	6,056	19,888
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	17,476	6,640	24,116	23,251	5,005	28,256	12,295	5,107	17,402
34. Dirt, clay or other streets, roads, parking lots, etc. ....	731	720	1,451	684	512	1,196	741	614	1,355
35. Grading, scraping, oiling, filling .....	121	4	125	13	2	15	1	2	3
36. Sidewalks, paths .....	204	46	250	178	130	308	172	58	230
37. Aerodromes, landings fields, runways, tarmac .....	668	26	694	63	21	84	64	21	85
<b>Waterworks and sewage systems .....</b>	<b>2,844</b>	<b>1,245</b>	<b>4,089</b>	<b>3,195</b>	<b>1,453</b>	<b>4,648</b>	<b>2,828</b>	<b>1,042</b>	<b>3,870</b>
38. Tile drains, drainage ditches, storm sewers .....	212	155	367	270	135	405	277	133	410
39. Water mains, hydrants and services .....	1,789	989	2,778	1,325	1,156	2,481	1,172	781	1,953
40. Sewage systems and connections .....	784	74	858	1,570	135	1,705	1,230	103	1,333
41. Pumping stations, water .....	18	10	28	—	9	9	50	8	58
42. Water storage tanks .....	41	17	58	30	18	48	99	17	116
<b>Dams and irrigation .....</b>	<b>619</b>	<b>160</b>	<b>779</b>	<b>324</b>	<b>181</b>	<b>505</b>	<b>396</b>	<b>198</b>	<b>594</b>
43. Dams and reservoirs .....	87	21	108	14	18	32	95	31	126
44. Irrigation and land reclamation projects .....	532	139	671	310	163	473	301	167	468
<b>Electric power construction .....</b>	<b>35,546</b>	<b>1,486</b>	<b>37,032</b>	<b>37,632</b>	<b>863</b>	<b>38,495</b>	<b>25,030</b>	<b>925</b>	<b>25,955</b>
45. Electric power generating plants, including water conveying and controlling structures .....	25,607	303	25,910	30,185	117	30,302	19,883	154	20,037
46. Electric transformer stations .....	1,103	71	1,174	1,088	26	1,114	724	25	749
47. Power transmission and distribution lines, trolley wires .....	8,570	1,010	9,580	6,166	686	6,852	4,230	706	4,936
48. Street lighting .....	266	102	368	193	34	227	193	40	233
<b>Railway, telephone and telegraph .....</b>	<b>8,507</b>	<b>5,777</b>	<b>14,284</b>	<b>8,947</b>	<b>6,103</b>	<b>15,050</b>	<b>8,429</b>	<b>7,615</b>	<b>16,044</b>
49. Railway tracks and roadbed .....	2,891	4,334	7,225	3,688	4,597	8,285	3,134	5,596	8,730
50. Signals and interlockers .....	198	465	663	528	505	1,033	401	615	1,016
51. Telegraph and telephone lines, underground and marine cables .....	5,418	978	6,396	4,731	1,001	5,732	4,894	1,404	6,298
<b>Gas and oil facilities .....</b>	<b>272</b>	<b>68</b>	<b>340</b>	<b>458</b>	<b>125</b>	<b>583</b>	<b>671</b>	<b>118</b>	<b>789</b>
52. Gas mains and services .....	8	15	23	2	12	14	5	10	15
53. Pumping stations, oil .....	—	—	—	256	83	339	241	68	309
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	197	47	244	103	20	123	395	30	425
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	67	6	73	97	—	97	30	—	30
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	10	10	—	10	10
<b>Other engineering construction .....</b>	<b>17,997</b>	<b>3,174</b>	<b>21,171</b>	<b>17,300</b>	<b>2,935</b>	<b>20,235</b>	<b>12,931</b>	<b>3,252</b>	<b>16,183</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	12,019	1,718	13,737	14,462	1,650	16,112	9,093	1,726	10,819
64. Tunnels and subways .....	259	—	259	2	—	2	1	—	1
65. Incinerators .....	2	—	2	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	1,330	292	1,622	135	288	423	150	303	453
67. Swimming pools, tennis courts, outdoor recreation facilities....	568	2	570	26	2	28	26	2	28
68. Mine shafts and other below surface workings .....	2,229	54	2,283	2,082	16	2,098	993	2	995
69. Fences, snowsheds, signs, guard rails .....	338	459	797	513	265	778	426	278	704
70. Other engineering construction .....	1,252	649	1,901	80	714	794	2,242	941	3,183

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1966-68<sup>1,2,3</sup>

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2, 186, 172</b>	<b>502, 660</b>	<b>2, 688, 832</b>	<b>2, 006, 875</b>	<b>508, 635</b>	<b>2, 515, 510</b>	<b>2, 169, 911</b>	<b>556, 206</b>	<b>2, 726, 117</b>
<b>Total building construction .....</b>	<b>1, 355, 272</b>	<b>307, 937</b>	<b>1, 663, 209</b>	<b>1, 301, 156</b>	<b>321, 095</b>	<b>1, 622, 251</b>	<b>1, 427, 135</b>	<b>348, 565</b>	<b>1, 775, 700</b>
<b>Residential .....</b>	<b>545, 900</b>	<b>179, 200</b>	<b>725, 100</b>	<b>569, 300</b>	<b>193, 300</b>	<b>762, 600</b>	<b>623, 800</b>	<b>210, 600</b>	<b>834, 400</b>
<b>Industrial .....</b>	<b>163, 089</b>	<b>44, 269</b>	<b>207, 358</b>	<b>133, 802</b>	<b>42, 820</b>	<b>176, 622</b>	<b>103, 303</b>	<b>43, 855</b>	<b>147, 158</b>
2. Factories, plants, workshops, food canneries ....	154, 127	37, 299	191, 426	125, 125	35, 977	161, 102	95, 904	37, 013	132, 917
3. Mine and mine mill buildings .....	5, 362	2, 810	8, 172	4, 910	3, 112	8, 022	3, 336	2, 684	6, 020
4. Railway stations, offices, roadway buildings ....	1, 796	2, 183	3, 979	2, 231	2, 427	4, 658	2, 812	2, 708	5, 520
5. Railway shops, engine houses, water and fuel stations .....	1, 804	1, 977	3, 781	1, 536	1, 304	2, 840	1, 251	1, 450	2, 701
<b>Commercial .....</b>	<b>334, 834</b>	<b>40, 376</b>	<b>375, 210</b>	<b>250, 628</b>	<b>37, 670</b>	<b>288, 298</b>	<b>201, 690</b>	<b>36, 778</b>	<b>238, 468</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20, 880	3, 620	24, 500	16, 492	3, 854	20, 346	21, 741	3, 981	25, 722
7. Grain elevators .....	7, 694	1, 280	8, 974	10, 667	1, 146	11, 813	1, 006	445	1, 451
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	30, 642	4, 734	35, 376	19, 566	4, 826	24, 392	9, 002	4, 620	13, 622
9. Office buildings .....	99, 600	17, 523	117, 123	85, 516	13, 572	99, 088	77, 661	14, 888	92, 549
10. Stores, retail and wholesale .....	91, 028	9, 012	100, 040	62, 124	9, 537	71, 661	63, 555	8, 980	72, 535
11. Garages and service stations .....	7, 706	2, 687	10, 393	16, 332	2, 932	19, 264	8, 573	2, 668	11, 241
12. Theatres, arenas, amusement and recreational buildings .....	76, 575	1, 096	77, 671	39, 352	1, 440	40, 792	19, 588	898	20, 486
13. Laundries and dry cleaning establishments .....	709	424	1, 133	579	363	942	564	298	862
<b>Institutional .....</b>	<b>234, 263</b>	<b>26, 215</b>	<b>260, 478</b>	<b>266, 565</b>	<b>28, 436</b>	<b>295, 001</b>	<b>422, 845</b>	<b>38, 834</b>	<b>461, 679</b>
14. Schools and other educational buildings .....	162, 248	11, 296	173, 544	179, 252	14, 608	193, 860	329, 595	21, 308	350, 903
15. Churches and other religious buildings .....	8, 816	2, 379	11, 195	9, 197	2, 527	11, 724	4, 588	2, 021	6, 609
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	39, 501	7, 761	47, 262	45, 075	7, 954	53, 029	49, 055	9, 392	58, 447
17. Other institutional buildings .....	23, 698	4, 779	28, 477	33, 041	3, 347	36, 388	39, 607	6, 113	45, 720
<b>Other building construction .....</b>	<b>77, 186</b>	<b>17, 877</b>	<b>95, 063</b>	<b>80, 861</b>	<b>18, 869</b>	<b>99, 730</b>	<b>75, 497</b>	<b>18, 498</b>	<b>93, 995</b>
18. Farm buildings (excluding dwellings) .....	39, 235	12, 308	51, 543	38, 928	12, 002	50, 930	38, 664	11, 844	50, 508
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8, 593	690	9, 283	10, 691	612	11, 303	9, 965	789	10, 754
20. Aeroplane hangars .....	203	230	433	5, 333	196	5, 529	1, 882	198	2, 080
21. Passenger terminals, bus, boat or air .....	15, 306	840	16, 146	5, 496	1, 064	6, 560	3, 604	753	4, 357
22. Armouries, barracks, drill halls, etc. ....	1, 164	2, 525	3, 689	1, 986	2, 096	4, 082	2, 440	2, 121	4, 561
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3, 260	1, 051	4, 311	2, 363	1, 486	3, 849	1, 446	1, 433	2, 879
24. Other building construction .....	9, 425	233	9, 658	16, 064	1, 413	17, 477	17, 496	1, 360	18, 856
<b>Total engineering construction .....</b>	<b>830, 900</b>	<b>194, 723</b>	<b>1, 025, 623</b>	<b>705, 719</b>	<b>187, 540</b>	<b>893, 259</b>	<b>742, 776</b>	<b>207, 641</b>	<b>950, 417</b>
<b>Marine construction .....</b>	<b>22, 492</b>	<b>12, 341</b>	<b>34, 833</b>	<b>21, 760</b>	<b>6, 918</b>	<b>28, 678</b>	<b>35, 096</b>	<b>6, 140</b>	<b>41, 236</b>
25. Docks, wharves, piers, breakwaters .....	9, 734	2, 505	12, 239	13, 723	2, 519	16, 242	25, 885	2, 372	28, 257
26. Retaining walls, embankments, riprapping .....	6, 725	4, 378	11, 103	2, 991	387	3, 378	3, 654	324	3, 978
27. Canals and waterways .....	3, 073	4, 108	7, 181	3, 304	300	3, 604	3, 078	737	3, 815
28. Dredging and pile driving .....	1, 239	935	2, 174	553	2, 323	2, 876	781	1, 164	1, 945
29. Dyke construction .....	—	100	100	419	86	505	—	87	87
30. Logging booms .....	164	249	413	87	209	296	238	224	462
31. Other marine construction .....	1, 557	66	1, 623	683	1, 094	1, 777	1, 460	1, 232	2, 692

See footnotes at end of table.



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1966-68<sup>1,2,3</sup> - Concluded

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>229,916</b>	<b>72,410</b>	<b>302,326</b>	<b>197,130</b>	<b>69,881</b>	<b>267,011</b>	<b>209,882</b>	<b>80,292</b>	<b>290,174</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	155,273	30,552	185,825	136,793	41,773	178,566	129,454	47,953	177,407
33. Gravel or stone streets, highways, roads, parking lots, etc....	40,851	16,495	57,346	19,738	10,970	30,708	37,366	13,453	50,819
34. Dirt, clay or other streets, roads, parking lots, etc. ....	21,702	13,672	35,374	25,028	9,661	34,689	29,003	11,102	40,105
35. Grading, scraping, oiling, filling .....	5,193	8,031	13,224	9,177	3,379	12,556	6,430	3,838	10,268
36. Sidewalks, paths.....	5,534	2,397	7,931	4,671	3,010	7,681	5,490	2,845	8,335
37. Aerodromes, landing fields, runways, tarmac.....	1,363	1,263	2,626	1,723	1,088	2,811	2,139	1,101	3,240
<b>Waterworks and sewage systems .....</b>	<b>88,549</b>	<b>26,087</b>	<b>114,636</b>	<b>80,851</b>	<b>21,872</b>	<b>102,723</b>	<b>81,930</b>	<b>26,110</b>	<b>108,040</b>
38. Tile drains, drainage ditches, storm sewers .....	7,523	5,575	13,098	7,688	1,874	9,562	6,809	1,893	8,702
39. Water mains, hydrants and services.....	29,154	7,350	36,504	23,307	6,624	29,931	17,918	8,038	25,956
40. Sewage systems and connections.....	40,810	12,197	53,007	44,435	12,071	56,506	50,987	12,666	63,653
41. Pumping stations, water .....	7,065	760	7,825	4,511	1,097	5,608	5,291	3,326	8,617
42. Water storage tanks .....	3,997	205	4,202	910	206	1,116	925	187	1,112
<b>Dams and irrigation.....</b>	<b>22,436</b>	<b>1,949</b>	<b>24,385</b>	<b>5,093</b>	<b>1,808</b>	<b>6,901</b>	<b>5,213</b>	<b>1,747</b>	<b>6,960</b>
43. Dams and reservoirs.....	17,625	438	18,063	429	341	770	615	301	916
44. Irrigation and land reclamation projects .....	4,811	1,511	6,322	4,664	1,467	6,131	4,598	1,446	6,044
<b>Electric power construction.....</b>	<b>223,407</b>	<b>11,186</b>	<b>234,593</b>	<b>222,052</b>	<b>10,028</b>	<b>232,080</b>	<b>214,818</b>	<b>11,590</b>	<b>226,408</b>
45. Electric power generating plants, including water conveying and controlling structures .....	132,798	3,753	136,551	140,633	3,540	144,173	116,178	4,197	120,375
46. Electric transformer stations .....	8,448	2,014	10,462	26,193	701	26,894	22,615	1,053	23,668
47. Power transmission and distribution lines, trolley wires.....	72,922	4,714	77,636	51,784	5,642	57,426	73,386	6,081	79,467
48. Street lighting .....	9,239	705	9,944	3,442	145	3,587	2,639	259	2,898
<b>Railway, telephone and telegraph.....</b>	<b>71,483</b>	<b>34,787</b>	<b>106,270</b>	<b>58,585</b>	<b>38,203</b>	<b>96,788</b>	<b>61,599</b>	<b>42,201</b>	<b>103,800</b>
49. Railway tracks and roadbed .....	16,481	18,363	34,844	14,216	21,426	35,642	15,504	24,519	40,023
50. Signals and interlockers .....	7,983	1,915	9,898	2,102	2,321	4,423	2,207	2,587	4,794
51. Telegraph and telephone lines, underground and marine cables	47,019	14,509	61,528	42,267	14,456	56,723	43,888	15,095	58,983
<b>Gas and oil facilities .....</b>	<b>25,617</b>	<b>11,820</b>	<b>37,437</b>	<b>36,106</b>	<b>13,562</b>	<b>49,668</b>	<b>67,197</b>	<b>13,637</b>	<b>80,834</b>
52. Gas mains and services.....	9,706	1,227	10,933	5,607	1,064	6,671	14,091	1,066	15,157
53. Pumping stations, oil.....	361	60	421	267	114	381	373	108	481
54. Pumping stations, gas .....	367	2	369	—	2	2	7	—	7
55. Oil storage tanks .....	4,513	653	5,166	5,250	1,096	6,346	6,908	794	7,702
56. Gas storage tanks.....	15	70	85	704	114	818	1,841	114	1,955
57. Oil pipe lines .....	1,242	198	1,440	6,119	182	6,301	2,539	204	2,743
58. Gas pipe lines.....	3,172	36	3,208	7	31	38	3,427	39	3,466
59. Oil wells .....	203	—	203	104	—	104	855	—	855
60. Gas wells.....	—	—	—	—	—	—	—	25	25
61. Oil refinery - Processing units <sup>3</sup> .....	6,038	9,574	15,612	18,048	10,959	29,007	37,156	11,287	48,443
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>147,000</b>	<b>24,143</b>	<b>171,143</b>	<b>84,142</b>	<b>25,268</b>	<b>109,410</b>	<b>67,041</b>	<b>25,924</b>	<b>92,965</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	79,539	7,361	86,900	30,504	5,826	36,330	26,747	6,220	32,967
64. Tunnels and subways.....	12,539	425	12,964	9,499	405	9,904	6	287	293
65. Incinerators .....	12	5	17	6	4	10	—	4	4
66. Park systems, landscaping, sodding, etc. ....	12,627	308	12,935	6,930	985	7,915	2,567	1,281	3,848
67. Swimming pools, tennis courts, outdoor recreation facilities ...	419	82	501	240	89	329	478	105	583
68. Mine shafts and other below surface workings.....	8,813	579	9,392	7,754	1,167	8,921	6,557	1,152	7,709
69. Fences, snowsheds, signs, guard rails.....	6,530	3,102	9,632	8,067	2,340	10,407	7,486	2,376	9,862
70. Other engineering construction.....	26,521	12,281	38,802	21,142	14,452	35,594	23,200	14,499	37,699

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

**TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario, 1966 - 68<sup>1,2,3</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>3,088,235</b>	<b>698,715</b>	<b>3,786,950</b>	<b>3,161,020</b>	<b>738,441</b>	<b>3,899,461</b>	<b>3,389,537</b>	<b>805,753</b>	<b>4,195,290</b>
<b>Total building construction .....</b>	<b>2,140,904</b>	<b>449,574</b>	<b>2,590,478</b>	<b>2,212,239</b>	<b>471,835</b>	<b>2,684,074</b>	<b>2,298,703</b>	<b>506,029</b>	<b>2,804,732</b>
<b>Residential .....</b>	<b>875,500</b>	<b>252,600</b>	<b>1,128,100</b>	<b>921,400</b>	<b>272,400</b>	<b>1,193,800</b>	<b>1,009,500</b>	<b>296,800</b>	<b>1,306,300</b>
<b>Industrial .....</b>	<b>397,669</b>	<b>80,478</b>	<b>478,147</b>	<b>316,711</b>	<b>80,435</b>	<b>397,146</b>	<b>248,217</b>	<b>86,806</b>	<b>335,023</b>
2. Factories, plants, workshops, food canneries ....	311,641	64,945	376,586	264,901	63,008	327,909	204,653	67,665	272,318
3. Mine and mine mill buildings .....	79,881	9,013	88,894	46,524	10,304	56,828	36,126	10,498	46,624
4. Railway stations, offices, roadway buildings .....	4,618	4,503	9,121	3,704	4,837	8,541	4,754	5,766	10,520
5. Railway shops, engine houses, water and fuel stations .....	1,529	2,017	3,546	1,582	2,286	3,868	2,684	2,877	5,561
<b>Commercial .....</b>	<b>394,257</b>	<b>55,659</b>	<b>449,916</b>	<b>380,938</b>	<b>54,650</b>	<b>435,588</b>	<b>373,934</b>	<b>53,601</b>	<b>427,535</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	28,974	4,689	33,663	30,073	5,241	35,314	42,828	5,461	48,289
7. Grain elevators .....	2,303	792	3,095	1,713	554	2,267	715	335	1,050
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	24,104	5,786	29,890	29,702	4,909	34,611	18,763	4,589	23,352
9. Office buildings .....	191,803	20,830	212,633	183,392	18,541	201,933	171,114	18,291	189,405
10. Stores, retail and wholesale .....	93,394	15,679	109,073	66,836	14,200	81,036	75,554	13,784	89,338
11. Garages and service stations .....	15,178	4,585	19,763	24,519	6,691	31,210	31,385	7,184	38,569
12. Theatres, arenas, amusement and recreational buildings .....	37,370	2,609	39,979	44,124	3,898	48,022	33,022	3,429	36,451
13. Laundries and dry cleaning establishments .....	1,131	689	1,820	579	616	1,195	553	528	1,081
<b>Institutional .....</b>	<b>402,403</b>	<b>27,856</b>	<b>430,259</b>	<b>507,122</b>	<b>30,528</b>	<b>537,650</b>	<b>576,873</b>	<b>35,530</b>	<b>612,403</b>
14. Schools and other educational buildings .....	277,697	15,417	293,114	349,551	13,004	362,555	371,156	13,938	385,094
15. Churches and other religious buildings .....	18,253	2,942	21,195	19,133	3,073	22,206	17,810	2,442	20,252
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	76,705	6,734	83,439	91,055	10,581	101,636	125,602	10,901	136,503
17. Other institutional buildings .....	29,748	2,763	32,511	47,383	3,870	51,253	62,305	8,249	70,554
<b>Other building construction .....</b>	<b>71,075</b>	<b>32,981</b>	<b>104,056</b>	<b>86,068</b>	<b>33,822</b>	<b>119,890</b>	<b>90,179</b>	<b>33,292</b>	<b>123,471</b>
18. Farm buildings (excluding dwellings) .....	50,059	24,481	74,540	52,316	25,332	77,648	52,225	24,963	77,188
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	9,598	501	10,099	9,969	487	10,456	11,955	445	12,400
20. Aeroplane hangars .....	297	672	969	254	543	797	1,953	561	2,514
21. Passenger terminals, bus, boat or air .....	231	99	330	457	142	599	2,072	61	2,133
22. Armouries, barracks, drill halls, etc. ....	1,128	4,108	5,236	1,380	3,585	4,965	1,531	3,702	5,233
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,708	559	2,267	1,705	667	2,372	1,449	459	1,908
24. Other building construction .....	8,054	2,561	10,615	19,987	3,066	23,053	18,994	3,101	22,095
<b>Total engineering construction .....</b>	<b>947,331</b>	<b>249,141</b>	<b>1,196,472</b>	<b>948,781</b>	<b>266,606</b>	<b>1,215,387</b>	<b>1,090,834</b>	<b>299,724</b>	<b>1,390,558</b>
<b>Marine construction .....</b>	<b>31,183</b>	<b>4,913</b>	<b>36,096</b>	<b>26,123</b>	<b>3,235</b>	<b>29,358</b>	<b>45,494</b>	<b>5,338</b>	<b>50,832</b>
25. Docks, wharves, piers, breakwaters .....	8,938	1,956	10,894	11,263	1,693	12,956	11,752	1,863	13,615
26. Retaining walls, embankments, riprapping .....	301	36	337	303	20	323	3,210	19	3,229
27. Canals and waterways .....	21,465	2,689	24,154	12,700	1,415	14,115	28,473	3,323	31,796
28. Dredging and pile driving .....	326	124	450	777	12	789	848	29	877
29. Dyke construction .....	55	18	73	106	20	126	100	15	115
30. Logging booms .....	—	73	73	—	60	60	—	73	73
31. Other marine construction .....	98	17	115	974	15	989	1,111	16	1,127

See footnotes at end of table.



TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario 1966 - 68<sup>1,2,3</sup> - Concluded

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>265,735</b>	<b>96,838</b>	<b>362,573</b>	<b>269,684</b>	<b>106,712</b>	<b>376,396</b>	<b>303,860</b>	<b>121,685</b>	<b>425,545</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	217,173	73,285	290,458	224,068	81,616	305,684	249,850	94,281	344,131
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	27,884	11,197	39,081	26,817	11,486	38,303	33,183	13,036	46,219
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,691	2,081	4,772	2,193	2,753	4,946	2,030	2,075	4,105
35. Grading, scraping, oiling, filling .....	10,293	7,626	17,919	9,463	7,221	16,684	10,555	8,359	18,914
36. Sidewalks, paths .....	6,393	2,322	8,715	5,585	3,344	8,929	6,514	3,646	10,160
37. Aerodromes, landing fields, runways, tarmac .....	1,301	327	1,628	1,558	292	1,850	1,728	288	2,016
<b>Waterworks and sewage systems .....</b>	<b>151,018</b>	<b>19,669</b>	<b>170,687</b>	<b>130,169</b>	<b>21,467</b>	<b>151,636</b>	<b>178,933</b>	<b>23,101</b>	<b>202,034</b>
38. Tile drains, drainage ditches, storm sewers .....	11,977	2,850	14,827	9,595	2,965	12,560	9,982	2,931	12,913
39. Water mains, hydrants and services .....	43,674	8,606	52,280	32,581	8,507	41,088	37,134	9,065	46,199
40. Sewage systems and connections .....	72,975	6,480	79,455	74,571	8,596	83,167	113,743	9,622	123,365
41. Pumping stations, water .....	19,942	1,271	21,213	12,347	946	13,293	15,420	1,014	16,434
42. Water storage tanks .....	2,450	462	2,912	1,075	453	1,528	2,654	469	3,123
<b>Dams and irrigation .....</b>	<b>17,975</b>	<b>3,277</b>	<b>21,252</b>	<b>19,843</b>	<b>3,512</b>	<b>23,355</b>	<b>18,604</b>	<b>3,441</b>	<b>22,045</b>
43. Dams and reservoirs .....	11,715	276	11,991	13,812	371	14,183	12,282	378	12,660
44. Irrigation and land reclamation projects .....	6,260	3,001	9,261	6,031	3,141	9,172	6,322	3,063	9,385
<b>Electric power construction .....</b>	<b>142,188</b>	<b>30,739</b>	<b>172,927</b>	<b>153,575</b>	<b>34,998</b>	<b>188,573</b>	<b>191,007</b>	<b>38,899</b>	<b>229,906</b>
45. Electric power generating plants, including water conveying and controlling structures .....	60,122	5,914	66,036	62,602	10,668	73,270	77,723	11,907	89,630
46. Electric transformer stations .....	11,830	2,548	14,378	12,836	2,561	15,397	17,846	3,193	21,039
47. Power transmission and distribution lines, trolley wires .....	63,475	19,714	83,189	70,940	18,752	89,692	87,604	20,662	108,266
48. Street lighting .....	6,761	2,563	9,324	7,197	3,017	10,214	7,834	3,137	10,971
<b>Railway, telephone and telegraph .....</b>	<b>106,650</b>	<b>58,032</b>	<b>164,682</b>	<b>90,795</b>	<b>59,226</b>	<b>150,021</b>	<b>105,644</b>	<b>68,627</b>	<b>174,271</b>
49. Railway tracks and roadbed .....	49,654	33,597	83,251	44,365	33,765	78,130	49,006	41,027	90,033
50. Signals and interlockers .....	3,511	3,661	7,172	3,163	3,992	7,155	4,055	4,743	8,798
51. Telegraph and telephone lines, underground and marine cables .....	53,485	20,774	74,259	43,267	21,469	64,736	52,583	22,857	75,440
<b>Gas and oil facilities .....</b>	<b>93,896</b>	<b>17,510</b>	<b>111,406</b>	<b>105,632</b>	<b>18,667</b>	<b>124,299</b>	<b>103,546</b>	<b>18,992</b>	<b>122,538</b>
52. Gas mains and services .....	35,960	2,003	37,963	32,811	2,222	35,033	27,695	2,460	30,155
53. Pumping stations, oil .....	138	113	251	1,416	336	1,752	351	394	745
54. Pumping stations, gas .....	441	156	597	923	147	1,070	1,997	147	2,144
55. Oil storage tanks .....	2,771	1,126	3,897	2,597	1,412	4,009	3,242	1,563	4,805
56. Gas storage tanks .....	45	-	45	2,380	3	2,383	1,390	-	1,390
57. Oil pipe lines .....	85	835	920	5,715	498	6,213	22	598	620
58. Gas pipe lines .....	8,168	477	8,645	17,222	405	17,627	28,761	396	29,157
59. Oil wells .....	1,300	334	1,634	2,107	566	2,673	2,067	688	2,755
60. Gas wells .....	2,088	598	2,686	625	110	735	602	90	692
61. Oil refinery - Processing units <sup>3</sup> .....	42,823	11,855	54,678	39,834	12,968	52,802	37,417	12,656	50,073
62. Natural gas cleaning plants .....	77	13	90	2	-	2	2	-	2
<b>Other engineering construction .....</b>	<b>138,686</b>	<b>18,163</b>	<b>156,849</b>	<b>152,960</b>	<b>18,789</b>	<b>171,749</b>	<b>143,746</b>	<b>19,641</b>	<b>163,387</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	38,408	6,411	44,819	54,301	6,755	61,056	63,310	6,887	70,197
64. Tunnels and subways .....	46,191	183	46,374	26,982	136	27,118	21,887	145	22,032
65. Incinerators .....	30	16	46	137	20	157	635	33	668
66. Park systems, landscaping, sodding, etc. ....	4,147	2,628	6,775	5,461	1,741	7,202	4,865	1,915	6,780
67. Swimming pools, tennis courts, outdoor recreation facilities .....	710	605	1,315	315	586	901	386	585	971
68. Mine shafts and other below surface workings .....	20,355	1,324	21,679	28,065	1,428	29,493	17,626	1,469	19,095
69. Fences, snowsheds, signs, guard rails .....	10,403	4,716	15,119	11,379	4,649	16,028	12,385	4,759	17,144
70. Other engineering construction .....	18,442	2,280	20,722	26,320	3,474	29,794	22,652	3,848	26,500

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.



TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1966-68<sup>1,2,3</sup>

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>391,533</b>	<b>93,701</b>	<b>485,234</b>	<b>476,852</b>	<b>100,021</b>	<b>576,873</b>	<b>556,177</b>	<b>109,153</b>	<b>665,330</b>
<b>Total building construction .....</b>	<b>210,433</b>	<b>52,141</b>	<b>262,574</b>	<b>222,304</b>	<b>56,611</b>	<b>278,915</b>	<b>269,531</b>	<b>59,034</b>	<b>328,565</b>
<b>Residential .....</b>	<b>79,500</b>	<b>29,100</b>	<b>108,600</b>	<b>89,500</b>	<b>31,400</b>	<b>120,900</b>	<b>98,200</b>	<b>34,200</b>	<b>132,400</b>
<b>Industrial .....</b>	<b>23,507</b>	<b>6,392</b>	<b>29,899</b>	<b>33,480</b>	<b>7,417</b>	<b>40,897</b>	<b>29,608</b>	<b>7,526</b>	<b>37,134</b>
2. Factories, plants, workshops, food canneries .....	21,370	3,943	25,313	23,780	4,811	28,591	24,241	4,520	28,761
3. Mine and mine mill buildings .....	892	205	1,097	7,069	255	7,324	2,934	206	3,140
4. Railway stations, offices, roadway buildings .....	797	1,458	2,255	1,859	1,559	3,418	1,712	1,864	3,576
5. Railway shops, engine houses, water and fuel stations .....	448	786	1,234	772	792	1,564	721	936	1,657
<b>Commercial .....</b>	<b>41,759</b>	<b>7,885</b>	<b>49,644</b>	<b>40,768</b>	<b>7,891</b>	<b>48,659</b>	<b>56,075</b>	<b>7,493</b>	<b>63,568</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,182	606	5,788	4,926	576	5,502	6,219	572	6,791
7. Grain elevators .....	1,451	1,061	2,512	1,827	1,069	2,896	2,926	789	3,715
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,476	821	5,297	3,376	854	4,230	4,083	712	4,795
9. Office buildings .....	10,587	2,183	12,770	12,659	2,184	14,843	27,146	2,028	29,174
10. Stores, retail and wholesale .....	10,342	2,076	12,418	8,024	2,126	10,150	7,529	2,446	9,975
11. Garages and service stations .....	1,941	701	2,642	3,155	644	3,799	5,110	627	5,737
12. Theatres, arenas, amusement and recreational buildings .....	7,752	384	8,136	6,782	383	7,165	3,062	259	3,321
13. Laundries and dry cleaning establishments .....	28	53	81	19	55	74	—	60	60
<b>Institutional .....</b>	<b>50,552</b>	<b>3,461</b>	<b>54,013</b>	<b>41,540</b>	<b>3,864</b>	<b>45,404</b>	<b>65,962</b>	<b>3,898</b>	<b>69,860</b>
14. Schools and other educational buildings .....	38,311	1,966	40,277	32,980	1,822	34,802	51,698	1,583	53,281
15. Churches and other religious buildings .....	1,162	241	1,403	1,547	243	1,790	1,798	105	1,903
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,332	940	7,272	4,039	1,253	5,292	8,243	1,586	9,829
17. Other institutional buildings .....	4,747	314	5,061	2,974	546	3,520	4,223	624	4,847
<b>Other building construction .....</b>	<b>15,115</b>	<b>5,303</b>	<b>20,418</b>	<b>17,016</b>	<b>6,039</b>	<b>23,055</b>	<b>19,686</b>	<b>5,917</b>	<b>25,603</b>
18. Farm buildings (excluding dwellings) .....	11,219	3,658	14,877	12,201	3,945	16,146	11,800	3,750	15,550
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,894	475	2,369	2,187	376	2,563	3,524	430	3,954
20. Aeroplane hangars .....	210	197	407	174	222	396	965	224	1,189
21. Passenger terminals, bus, boat or air .....	186	—	186	634	—	634	858	—	858
22. Armouries, barracks, drill halls, etc. ....	386	404	790	673	537	1,210	885	543	1,428
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	327	84	411	222	200	422	80	97	177
24. Other building construction .....	893	485	1,378	925	759	1,684	1,574	873	2,447
<b>Total engineering construction .....</b>	<b>181,100</b>	<b>41,560</b>	<b>222,660</b>	<b>254,548</b>	<b>43,410</b>	<b>297,958</b>	<b>286,646</b>	<b>50,119</b>	<b>336,765</b>
<b>Marine construction .....</b>	<b>291</b>	<b>536</b>	<b>827</b>	<b>847</b>	<b>740</b>	<b>1,587</b>	<b>2,479</b>	<b>855</b>	<b>3,334</b>
25. Docks, wharves, piers, breakwaters .....	194	264	458	346	306	652	489	370	859
26. Retaining walls, embankments, riprapping .....	29	3	32	22	4	26	70	4	74
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	8	264	272	394	374	768	1,736	415	2,151
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	1	1	—	31	31	—	28	28
31. Other marine construction .....	60	4	64	85	25	110	184	38	222

See footnotes at end of table.

TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1966-68<sup>1,2,3</sup>—Concluded

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>54,404</b>	<b>8,370</b>	<b>62,774</b>	<b>47,983</b>	<b>8,314</b>	<b>56,297</b>	<b>61,789</b>	<b>9,851</b>	<b>71,640</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	28,905	4,796	33,701	23,898	5,058	28,956	30,535	5,570	36,105
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,288	1,634	9,922	6,817	1,230	8,047	8,784	1,665	10,449
34. Dirt, clay or other streets, roads, parking lots, etc. ....	314	94	408	660	80	740	428	61	489
35. Grading, scraping, oiling, filling .....	13,957	1,594	15,551	11,861	1,657	13,518	15,754	2,272	18,026
36. Sidewalks, paths .....	520	177	697	532	189	721	744	182	926
37. Aerodromes, landing fields, runways, tarmac .....	2,420	75	2,495	4,215	100	4,315	5,544	101	5,645
<b>Waterworks and sewage systems .....</b>	<b>19,450</b>	<b>2,868</b>	<b>22,318</b>	<b>20,437</b>	<b>3,663</b>	<b>24,100</b>	<b>22,101</b>	<b>3,652</b>	<b>25,753</b>
38. Tile drains, drainage ditches, storm sewers .....	1,871	412	2,283	5,082	1,255	6,337	5,005	1,180	6,185
39. Water mains, hydrants and services .....	6,483	1,784	8,267	3,349	1,700	5,049	5,105	1,787	6,892
40. Sewage systems and connections .....	10,198	524	10,722	10,230	561	10,791	8,789	536	9,325
41. Pumping stations, water .....	342	86	428	1,471	83	1,554	2,737	87	2,824
42. Water storage tanks .....	556	62	618	305	64	369	465	62	527
<b>Dams and irrigation .....</b>	<b>15,908</b>	<b>506</b>	<b>16,414</b>	<b>3,937</b>	<b>615</b>	<b>4,552</b>	<b>8,330</b>	<b>662</b>	<b>8,992</b>
43. Dams and reservoirs .....	1,362	60	1,422	2,444	135	2,579	6,890	165	7,055
44. Irrigation and land reclamation projects .....	14,546	446	14,992	1,493	480	1,973	1,440	497	1,937
<b>Electric power construction .....</b>	<b>35,987</b>	<b>2,971</b>	<b>38,958</b>	<b>87,768</b>	<b>2,107</b>	<b>89,875</b>	<b>94,155</b>	<b>2,260</b>	<b>96,415</b>
45. Electric power generating plants, including water conveying and controlling structures .....	13,914	844	14,758	44,868	787	45,655	56,726	980	57,706
46. Electric transformer stations .....	1,130	167	1,297	1,883	94	1,977	1,489	91	1,580
47. Power transmission and distribution lines, trolley wires .....	19,312	1,306	20,618	39,198	675	39,873	34,290	587	34,877
48. Street lighting .....	1,631	654	2,285	1,819	551	2,370	1,650	602	2,252
<b>Railway, telephone and telegraph .....</b>	<b>21,693</b>	<b>17,123</b>	<b>38,816</b>	<b>30,840</b>	<b>18,426</b>	<b>49,266</b>	<b>25,208</b>	<b>21,523</b>	<b>46,731</b>
49. Railway tracks and roadbed .....	7,945	11,242	19,187	17,659	12,095	29,754	12,194	14,431	26,625
50. Signals and interlockers .....	574	880	1,454	1,609	1,262	2,871	1,480	1,525	3,005
51. Telegraph and telephone lines, underground and marine cables .....	13,174	5,001	18,175	11,572	5,069	16,641	11,534	5,567	17,101
<b>Gas and oil facilities .....</b>	<b>11,526</b>	<b>1,387</b>	<b>12,913</b>	<b>19,993</b>	<b>752</b>	<b>20,745</b>	<b>25,902</b>	<b>833</b>	<b>26,735</b>
52. Gas mains and services .....	2,995	580	3,575	2,632	—	2,632	4,235	—	4,235
53. Pumping stations, oil .....	—	10	10	1,915	169	2,084	2,288	182	2,470
54. Pumping stations, gas .....	343	35	378	1,154	25	1,179	747	25	772
55. Oil storage tanks .....	423	220	643	277	153	430	411	189	600
56. Gas storage tanks .....	44	—	44	371	—	371	580	—	580
57. Oil pipe lines .....	482	195	677	9,284	86	9,370	955	93	1,048
58. Gas pipe lines .....	5,739	42	5,781	2,313	28	2,341	14,997	28	15,025
59. Oil wells .....	1,500	288	1,788	2,047	277	2,324	1,689	302	1,991
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	17	17	—	14	14	—	14	14
<b>Other engineering construction .....</b>	<b>21,841</b>	<b>7,799</b>	<b>29,640</b>	<b>42,743</b>	<b>8,793</b>	<b>51,536</b>	<b>46,682</b>	<b>10,483</b>	<b>57,165</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	5,396	2,158	7,554	10,404	2,872	13,276	12,062	3,843	15,905
64. Tunnels and subways .....	—	1	1	6	4	10	5	6	11
65. Incinerators .....	7	19	26	9	25	34	12	25	37
66. Park systems, landscaping, sodding, etc. ....	648	188	836	539	276	815	2,830	278	3,108
67. Swimming pools, tennis courts, outdoor recreation facilities....	312	52	364	54	66	120	17	69	86
68. Mine shafts and other below surface workings .....	9,910	1,190	11,100	17,710	1,534	19,244	21,870	2,054	23,924
69. Fences, snowsheds, signs, guard rails .....	2,024	871	2,895	3,177	862	4,039	1,943	855	2,798
70. Other engineering construction .....	3,544	3,320	6,864	10,844	3,154	13,998	7,943	3,353	11,296

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

**TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1966 - 68<sup>1,2,3,4</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>550,041</b>	<b>108,660</b>	<b>658,701</b>	<b>585,760</b>	<b>113,405</b>	<b>699,165</b>	<b>567,287</b>	<b>119,925</b>	<b>687,212</b>
<b>Total building construction .....</b>	<b>264,626</b>	<b>54,279</b>	<b>318,905</b>	<b>281,215</b>	<b>55,153</b>	<b>336,368</b>	<b>275,947</b>	<b>57,216</b>	<b>333,163</b>
<b>Residential .....</b>	<b>101,800</b>	<b>28,400</b>	<b>130,200</b>	<b>104,100</b>	<b>30,600</b>	<b>134,700</b>	<b>114,100</b>	<b>33,400</b>	<b>147,500</b>
<b>Industrial .....</b>	<b>41,779</b>	<b>2,950</b>	<b>44,729</b>	<b>57,329</b>	<b>2,742</b>	<b>60,071</b>	<b>31,437</b>	<b>2,997</b>	<b>34,434</b>
2. Factories, plants, workshops, food canneries .....	9,748	1,244	10,992	23,361	1,201	24,562	6,875	1,106	7,981
3. Mine and mine mill buildings .....	30,943	149	31,092	32,875	248	33,123	23,410	172	23,582
4. Railway stations, offices, roadway buildings .....	717	1,101	1,818	741	877	1,618	781	1,166	1,947
5. Railway shops, engine houses, water and fuel stations .....	371	456	827	352	416	768	371	553	924
<b>Commercial .....</b>	<b>50,911</b>	<b>9,131</b>	<b>60,042</b>	<b>44,703</b>	<b>7,895</b>	<b>52,598</b>	<b>43,311</b>	<b>6,995</b>	<b>50,306</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,378	763	6,141	5,646	517	6,163	4,114	606	4,720
7. Grain elevators .....	6,254	3,811	10,065	6,380	3,373	9,753	6,515	2,120	8,635
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,371	846	5,217	1,878	474	2,352	2,431	567	2,998
9. Office buildings .....	10,006	1,258	11,264	8,655	1,158	9,813	13,077	1,342	14,419
10. Stores, retail and wholesale .....	11,781	1,490	13,271	11,958	1,614	13,572	10,724	1,476	12,200
11. Garages and service stations .....	2,203	530	2,733	2,310	584	2,894	2,741	634	3,375
12. Theatres, arenas, amusement and recreational buildings .....	10,918	400	11,318	7,836	172	8,008	3,674	209	3,883
13. Laundries and dry cleaning establishments .....	—	33	33	40	3	43	35	41	76
<b>Institutional .....</b>	<b>45,544</b>	<b>4,496</b>	<b>50,040</b>	<b>50,536</b>	<b>4,481</b>	<b>55,017</b>	<b>60,481</b>	<b>4,752</b>	<b>65,233</b>
14. Schools and other educational buildings .....	33,774	2,595	36,369	35,619	2,633	38,252	45,834	2,704	48,538
15. Churches and other religious buildings .....	2,216	304	2,520	2,952	178	3,130	361	193	554
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	6,758	1,395	8,153	8,567	1,516	10,083	11,345	1,667	13,012
17. Other institutional buildings .....	2,796	202	2,998	3,398	154	3,552	2,941	188	3,129
<b>Other building construction .....</b>	<b>24,592</b>	<b>9,302</b>	<b>33,894</b>	<b>24,547</b>	<b>9,435</b>	<b>33,982</b>	<b>26,618</b>	<b>9,072</b>	<b>35,690</b>
18. Farm buildings (excluding dwellings) .....	20,449	8,247	28,696	20,342	8,120	28,462	19,585	7,850	27,435
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,419	266	1,685	1,265	398	1,663	2,817	219	3,036
20. Aeroplane hangars .....	38	122	160	77	32	109	69	34	103
21. Passenger terminals, bus, boat or air .....	76	22	98	211	2	213	188	1	189
22. Armouries, barracks, drill halls, etc. ....	97	175	272	277	127	404	247	140	387
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	455	24	479	847	114	961	232	59	291
24. Other building construction .....	2,058	446	2,504	1,528	642	2,170	3,480	769	4,249
<b>Total engineering construction .....</b>	<b>285,415</b>	<b>54,381</b>	<b>339,796</b>	<b>304,545</b>	<b>58,252</b>	<b>362,797</b>	<b>291,340</b>	<b>62,709</b>	<b>354,049</b>
<b>Marine construction .....</b>	<b>63</b>	<b>79</b>	<b>142</b>	<b>3,680</b>	<b>80</b>	<b>3,760</b>	<b>699</b>	<b>106</b>	<b>805</b>
25. Docks, wharves, piers, breakwaters .....	58	74	132	141	80	221	585	106	691
26. Retaining walls, embankments, riprapping .....	—	—	—	100	—	100	80	—	80
27. Canals and waterways .....	—	—	—	3,407	—	3,407	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	5	5	10	32	—	32	34	—	34

See footnotes at end of table.



**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1966-68<sup>1,2,3,4</sup>—Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>58,696</b>	<b>18,094</b>	<b>76,790</b>	<b>61,310</b>	<b>17,713</b>	<b>79,023</b>	<b>66,665</b>	<b>18,583</b>	<b>85,248</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	43,445	9,275	52,720	42,174	14,770	56,944	46,656	15,429	62,085
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	10,015	8,478	18,493	13,946	2,573	16,519	14,198	2,751	16,949
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,736	97	1,833	874	146	1,020	1,201	156	1,357
35. Grading, scraping, oiling, filling .....	473	100	573	207	76	283	163	83	246
36. Sidewalks, paths .....	1,990	116	2,106	1,149	128	1,277	1,809	142	1,951
37. Aerodromes, landing fields, runways, tarmac .....	1,037	28	1,065	2,960	20	2,980	2,638	22	2,660
<b>Waterworks and sewage systems .....</b>	<b>13,276</b>	<b>3,803</b>	<b>17,079</b>	<b>14,413</b>	<b>4,040</b>	<b>18,453</b>	<b>15,825</b>	<b>4,084</b>	<b>19,909</b>
38. Tile drains, drainage ditches, storm sewers .....	2,277	914	3,191	2,448	892	3,340	2,185	865	3,050
39. Water mains, hydrants and services .....	5,763	1,880	7,643	7,479	1,821	9,300	6,542	1,810	8,352
40. Sewage systems and connections .....	4,107	754	4,861	2,802	895	3,697	4,352	976	5,328
41. Pumping stations, water .....	543	117	660	1,374	308	1,682	2,218	313	2,531
42. Water storage tanks .....	586	138	724	310	124	434	528	120	648
<b>Dams and irrigation .....</b>	<b>18,914</b>	<b>2,142</b>	<b>21,056</b>	<b>19,489</b>	<b>1,843</b>	<b>21,332</b>	<b>15,182</b>	<b>1,889</b>	<b>17,071</b>
43. Dams and reservoirs .....	16,293	935	17,228	9,323	703	10,026	5,274	768	6,042
44. Irrigation and land reclamation projects .....	2,621	1,207	3,828	10,166	1,140	11,306	9,908	1,121	11,029
<b>Electric power construction .....</b>	<b>32,562</b>	<b>2,613</b>	<b>35,175</b>	<b>36,131</b>	<b>3,288</b>	<b>39,419</b>	<b>35,328</b>	<b>3,482</b>	<b>38,810</b>
45. Electric power generating plants, including water conveying and controlling structures .....	14,118	981	15,099	22,482	1,278	23,760	21,507	1,373	22,880
46. Electric transformer stations .....	1,922	29	1,951	2,682	108	2,790	5,041	115	5,156
47. Power transmission and distribution lines, trolley wires .....	15,219	1,441	16,660	9,706	1,778	11,484	7,335	1,857	9,192
48. Street lighting .....	1,303	162	1,465	1,261	124	1,385	1,445	137	1,582
<b>Railway, telephone and telegraph .....</b>	<b>14,432</b>	<b>13,504</b>	<b>27,936</b>	<b>17,644</b>	<b>14,361</b>	<b>32,005</b>	<b>14,826</b>	<b>17,029</b>	<b>31,855</b>
49. Railway tracks and roadbed .....	8,100	10,505	18,605	7,481	12,083	19,564	8,399	14,342	22,741
50. Signals and interlockers .....	419	706	1,125	645	763	1,408	680	1,014	1,694
51. Telegraph and telephone lines, underground and marine cables .....	5,913	2,293	8,206	9,518	1,515	11,033	5,747	1,673	7,420
<b>Gas and oil facilities .....</b>	<b>56,235</b>	<b>8,916</b>	<b>65,151</b>	<b>45,532</b>	<b>12,530</b>	<b>58,062</b>	<b>57,647</b>	<b>12,581</b>	<b>70,228</b>
52. Gas mains and services .....	3,333	200	3,533	3,544	949	4,493	3,607	970	4,577
53. Pumping stations, oil .....	627	14	641	4,116	274	4,390	963	295	1,258
54. Pumping stations, gas .....	734	51	785	1,380	81	1,461	926	81	1,007
55. Oil storage tanks .....	610	271	881	530	254	784	485	220	705
56. Gas storage tanks .....	30	—	30	—	—	—	—	—	—
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	45,726	5,674	51,400	30,330	7,846	38,176	45,135	7,993	53,128
60. Gas wells .....	3,174	521	3,695	5,057	1,227	6,284	4,866	969	5,835
61. Oil refinery—Processing units <sup>4</sup> .....	601	2,100	2,701	275	1,687	1,962	1,374	1,835	3,209
62. Natural gas cleaning plants .....	1,400	85	1,485	300	212	512	291	218	509
<b>Other engineering construction .....</b>	<b>91,237</b>	<b>5,230</b>	<b>96,467</b>	<b>106,346</b>	<b>4,397</b>	<b>110,743</b>	<b>85,168</b>	<b>4,955</b>	<b>90,123</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,893	730	9,623	6,425	647	7,072	5,362	950	6,312
64. Tunnels and subways .....	297	—	297	724	20	744	1,022	21	1,043
65. Incinerators .....	47	3	50	26	1	27	128	11	139
66. Park systems, landscaping, sodding, etc. ....	152	145	297	1,025	72	1,097	953	73	1,026
67. Swimming pools, tennis courts, outdoor recreation facilities....	79	47	126	299	41	340	495	39	534
68. Mine shafts and other below surface workings .....	48,561	376	48,937	60,007	347	60,354	27,347	493	27,840
69. Fences, snowsheds, signs, guard rails .....	3,269	1,494	4,763	3,365	1,423	4,788	3,333	1,426	4,759
70. Other engineering construction .....	29,939	2,435	32,374	34,475	1,846	36,321	46,528	1,942	48,470

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

<sup>4</sup> Items 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

**TABLE 26. Total Value of Construction Work Performed — New and Repair by Type of Structure — Alberta, 1966 - 68<sup>1, 2, 3</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,080,960</b>	<b>195,448</b>	<b>1,276,408</b>	<b>1,120,854</b>	<b>196,487</b>	<b>1,317,341</b>	<b>1,313,234</b>	<b>223,528</b>	<b>1,536,762</b>
<b>Total building construction.....</b>	<b>467,781</b>	<b>103,488</b>	<b>571,269</b>	<b>511,702</b>	<b>109,863</b>	<b>621,565</b>	<b>617,863</b>	<b>123,386</b>	<b>741,249</b>
<b>Residential .....</b>	<b>155,500</b>	<b>54,200</b>	<b>209,700</b>	<b>186,100</b>	<b>58,500</b>	<b>244,600</b>	<b>203,800</b>	<b>63,700</b>	<b>267,500</b>
<b>Industrial.....</b>	<b>21,401</b>	<b>7,095</b>	<b>28,496</b>	<b>14,945</b>	<b>6,711</b>	<b>21,656</b>	<b>14,627</b>	<b>6,866</b>	<b>21,493</b>
2. Factories, plants, workshops, food canneries .....	20,123	5,266	25,389	12,548	4,528	17,076	12,696	4,321	17,017
3. Mine and mine mill buildings .....	201	35	236	39	22	61	80	15	95
4. Railway stations, offices, roadway buildings.....	794	1,249	2,043	1,657	1,463	3,120	1,109	1,713	2,822
5. Railway shops, engine houses, water and fuel stations.....	283	545	828	701	698	1,399	742	817	1,559
<b>Commercial .....</b>	<b>97,960</b>	<b>18,303</b>	<b>116,263</b>	<b>91,372</b>	<b>19,032</b>	<b>110,404</b>	<b>130,660</b>	<b>19,760</b>	<b>150,420</b>
6. Warehouses, storehouses, refrigerated storage, etc	10,310	1,633	11,943	15,618	2,190	17,808	22,823	2,699	25,522
7. Grain elevators .....	1,990	1,941	3,931	2,041	2,285	4,326	2,185	1,310	3,495
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	11,600	1,715	13,315	6,307	1,367	7,674	10,877	1,553	12,430
9. Office buildings .....	39,524	7,155	46,679	40,993	8,592	49,585	64,651	9,770	74,421
10. Stores, retail and wholesale .....	13,535	3,164	16,699	12,774	2,314	15,088	17,230	2,750	19,980
11. Garages and service stations .....	4,395	1,239	5,634	4,384	1,590	5,974	4,934	1,058	5,992
12. Theatres, arenas, amusement and recreational buildings.....	16,305	1,285	17,590	9,172	639	9,811	7,945	539	8,484
13. Laundries and dry cleaning establishments .....	301	171	472	83	55	138	15	81	96
<b>Institutional .....</b>	<b>137,903</b>	<b>10,557</b>	<b>148,460</b>	<b>172,670</b>	<b>11,724</b>	<b>184,394</b>	<b>221,104</b>	<b>14,498</b>	<b>235,602</b>
14. Schools and other educational buildings .....	90,913	5,457	96,370	125,843	6,816	132,659	171,426	8,665	180,091
15. Churches and other religious buildings .....	3,852	295	4,147	4,136	287	4,423	3,013	324	3,337
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	26,814	3,119	29,933	33,190	2,912	36,102	34,866	3,422	38,288
17. Other institutional buildings .....	16,324	1,686	18,010	9,501	1,709	11,210	11,799	2,087	13,886
<b>Other building construction .....</b>	<b>55,017</b>	<b>13,333</b>	<b>68,350</b>	<b>46,615</b>	<b>13,896</b>	<b>60,511</b>	<b>47,672</b>	<b>18,562</b>	<b>66,234</b>
18. Farm buildings (excluding dwellings) .....	34,798	8,473	43,271	36,714	9,236	45,950	35,823	9,108	44,931
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,815	631	5,446	3,938	625	4,563	6,747	630	7,377
20. Aeroplane hangars.....	192	771	963	319	558	877	296	569	865
21. Passenger terminals, bus, boat or air .....	168	58	226	65	35	100	239	30	269
22. Armouries, barracks, drill halls, etc.....	876	1,769	2,645	613	1,122	1,735	513	1,193	1,706
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,055	167	1,222	421	141	562	233	129	362
24. Other building construction .....	13,113	1,464	14,577	4,545	2,179	6,724	3,821	6,903	10,724
<b>Total engineering construction .....</b>	<b>613,179</b>	<b>91,960</b>	<b>705,139</b>	<b>609,152</b>	<b>86,624</b>	<b>695,776</b>	<b>695,371</b>	<b>100,142</b>	<b>795,513</b>
<b>Marine construction .....</b>	<b>1,026</b>	<b>415</b>	<b>1,441</b>	<b>217</b>	<b>349</b>	<b>566</b>	<b>107</b>	<b>365</b>	<b>472</b>
25. Docks, wharves, piers, breakwaters .....	1,003	97	1,100	186	109	295	94	135	229
26. Retaining walls, embankments, riprapping .....	23	—	23	16	—	16	13	—	13
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving.....	—	318	318	—	202	202	—	215	215
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms.....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	15	38	53	—	15	15

See footnotes at end of table.

**TABLE 26. Total Value of Construction Work Performed — New and Repair by Type of Structure — Alberta, 1966-68<sup>1,2,3</sup> — Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>72,884</b>	<b>32,647</b>	<b>105,531</b>	<b>65,528</b>	<b>21,087</b>	<b>86,615</b>	<b>63,769</b>	<b>29,306</b>	<b>93,075</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	46,341	22,376	68,717	42,631	13,544	56,175	42,025	19,862	61,887
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,507	8,757	22,264	11,349	6,147	17,496	10,164	7,769	17,933
34. Dirt, clay or other streets, roads, parking lots, etc. ....	610	376	986	622	256	878	816	224	1,040
35. Grading, scraping, oiling, filling .....	9,160	458	9,618	8,893	649	9,542	8,868	862	9,730
36. Sidewalks, paths .....	2,079	294	2,373	1,580	267	1,847	1,539	351	1,890
37. Aerodromes, landing fields, runways, tarmac .....	1,187	386	1,573	453	224	677	357	238	595
<b>Waterworks and sewage systems .....</b>	<b>23,557</b>	<b>4,979</b>	<b>28,536</b>	<b>25,531</b>	<b>4,961</b>	<b>30,492</b>	<b>31,109</b>	<b>5,244</b>	<b>36,353</b>
38. Tile drains, drainage ditches, storm sewers .....	3,514	939	4,453	4,270	1,091	5,361	4,581	1,003	5,584
39. Water mains, hydrants and services .....	7,701	2,907	10,608	9,616	2,853	12,469	8,544	3,126	11,670
40. Sewage systems and connections .....	10,572	690	11,262	9,680	703	10,383	13,250	803	14,053
41. Pumping stations, water .....	1,157	308	1,465	1,306	161	1,467	4,033	154	4,187
42. Water storage tanks .....	613	135	748	659	153	812	701	158	859
<b>Dams and irrigation .....</b>	<b>7,283</b>	<b>2,131</b>	<b>9,414</b>	<b>6,017</b>	<b>1,802</b>	<b>7,819</b>	<b>9,445</b>	<b>1,828</b>	<b>11,273</b>
43. Dams and reservoirs .....	1,062	366	1,428	623	208	831	4,530	221	4,751
44. Irrigation and land reclamation projects .....	6,221	1,765	7,986	5,394	1,594	6,988	4,915	1,607	6,522
<b>Electric power construction .....</b>	<b>20,511</b>	<b>4,300</b>	<b>24,811</b>	<b>24,763</b>	<b>5,174</b>	<b>29,937</b>	<b>40,746</b>	<b>5,896</b>	<b>46,642</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,432	880	3,312	5,577	1,053	6,630	13,076	1,173	14,249
46. Electric transformer stations .....	2,441	472	2,913	3,017	499	3,516	7,869	675	8,544
47. Power transmission and distribution lines, trolley wires .....	13,645	2,181	15,826	13,820	2,792	16,612	17,379	3,098	20,477
48. Street lighting .....	1,993	767	2,760	2,349	830	3,179	2,422	950	3,372
<b>Railway, telephone and telegraph .....</b>	<b>43,662</b>	<b>15,998</b>	<b>59,660</b>	<b>64,614</b>	<b>16,904</b>	<b>81,518</b>	<b>43,644</b>	<b>19,170</b>	<b>62,814</b>
49. Railway tracks and roadbed .....	24,231	11,436	35,667	47,227	11,924	59,151	28,281	13,852	42,133
50. Signals and interlockers .....	732	746	1,478	1,439	1,128	2,567	804	1,344	2,148
51. Telegraph and telephone lines, underground and marine cables .....	18,699	3,816	22,515	15,948	3,852	19,800	14,559	3,974	18,533
<b>Gas and oil facilities .....</b>	<b>321,649</b>	<b>24,021</b>	<b>345,670</b>	<b>329,860</b>	<b>28,607</b>	<b>358,467</b>	<b>421,188</b>	<b>29,993</b>	<b>451,181</b>
52. Gas mains and services .....	3,176	930	4,106	4,365	1,104	5,469	5,191	1,138	6,329
53. Pumping stations, oil .....	1,938	100	2,038	3,919	684	4,603	3,457	450	3,907
54. Pumping stations, gas .....	5,599	37	5,636	3,595	106	3,701	16,992	219	17,211
55. Oil storage tanks .....	1,537	337	1,874	2,777	205	2,982	3,116	197	3,313
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	60,009	594	60,603	31,276	881	32,157	48,177	1,294	49,471
58. Gas pipe lines .....	5,451	381	5,832	9,629	341	9,970	16,120	382	16,502
59. Oil wells .....	144,856	9,405	154,261	156,722	10,368	167,090	213,537	13,626	227,163
60. Gas wells .....	65,025	3,982	69,007	67,425	4,554	71,979	40,398	2,595	42,993
61. Oil refinery — Processing units <sup>3</sup> .....	659	2,779	3,438	8,102	2,898	11,000	24,628	2,458	27,086
62. Natural gas cleaning plants .....	33,399	5,476	38,875	42,050	7,466	49,516	49,572	7,634	57,206
<b>Other engineering construction .....</b>	<b>122,607</b>	<b>7,469</b>	<b>130,076</b>	<b>92,622</b>	<b>7,740</b>	<b>100,362</b>	<b>85,363</b>	<b>8,340</b>	<b>93,703</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	18,034	4,093	22,127	30,431	4,646	35,077	32,655	4,878	37,533
64. Tunnels and subways .....	2,738	—	2,738	7	—	7	3	—	3
65. Incinerators .....	3	—	3	2	—	2	2	—	2
66. Park systems, landscaping, sodding, etc. ....	9,021	514	9,535	6,490	557	7,047	5,422	576	5,998
67. Swimming pools, tennis courts, outdoor recreation facilities ....	160	38	198	400	73	473	479	83	562
68. Mine shafts and other below surface workings .....	149	35	184	263	—	263	155	—	155
69. Fences, snowsheds, signs, guard rails .....	5,015	1,683	6,698	5,482	1,743	7,225	5,452	1,775	7,227
70. Other engineering construction .....	87,487	1,106	88,593	49,547	721	50,268	41,195	1,028	42,223

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



**TABLE 27. Total Value of Construction Work Performed — New and Repair by Type of Structure — British Columbia, 1966-68<sup>1,2,3,4,5</sup>**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,240,618</b>	<b>202,887</b>	<b>1,443,505</b>	<b>1,371,834</b>	<b>217,674</b>	<b>1,589,508</b>	<b>1,347,355</b>	<b>230,934</b>	<b>1,578,289</b>
<b>Total building construction .....</b>	<b>631,066</b>	<b>129,198</b>	<b>760,264</b>	<b>709,809</b>	<b>137,156</b>	<b>846,965</b>	<b>749,322</b>	<b>145,702</b>	<b>895,024</b>
<b>Residential .....</b>	<b>294,900</b>	<b>78,100</b>	<b>373,000</b>	<b>352,700</b>	<b>84,200</b>	<b>436,900</b>	<b>386,500</b>	<b>91,700</b>	<b>478,200</b>
<b>Industrial .....</b>	<b>97,226</b>	<b>16,932</b>	<b>114,158</b>	<b>78,562</b>	<b>14,833</b>	<b>93,395</b>	<b>49,859</b>	<b>14,942</b>	<b>64,801</b>
2. Factories, plants, workshops, food canneries ....	81,223	14,122	95,345	46,216	11,756	57,972	25,723	11,646	37,369
3. Mine and mine mill buildings .....	13,422	935	14,357	29,541	846	30,387	20,084	699	20,783
4. Railway stations, offices, roadway buildings .....	1,153	1,289	2,442	1,915	1,487	3,402	2,829	1,728	4,557
5. Railway shops, engine houses, water and fuel stations .....	1,428	586	2,014	890	744	1,634	1,223	869	2,092
<b>Commercial .....</b>	<b>94,635</b>	<b>13,644</b>	<b>108,279</b>	<b>111,490</b>	<b>18,645</b>	<b>130,135</b>	<b>133,610</b>	<b>18,592</b>	<b>152,202</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	10,762	1,590	12,352	12,026	1,492	13,518	17,335	1,616	18,951
7. Grain elevators .....	4,093	439	4,532	10,647	443	11,090	9,500	405	9,905
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	12,182	2,144	14,326	13,448	3,036	16,484	13,456	2,679	16,135
9. Office buildings .....	27,179	3,641	30,820	37,478	6,332	43,810	42,983	6,610	49,593
10. Stores, retail and wholesale .....	26,381	3,548	29,929	18,310	5,259	23,569	31,456	5,217	36,673
11. Garages and service stations .....	4,763	1,016	5,779	6,213	964	7,177	9,265	1,079	10,344
12. Theatres, arenas, amusement and recreational buildings .....	9,174	1,101	10,275	12,918	1,000	13,918	8,573	815	9,388
13. Laundries and dry cleaning establishments .....	101	165	266	450	119	569	1,042	171	1,213
<b>Institutional .....</b>	<b>109,082</b>	<b>9,348</b>	<b>118,430</b>	<b>130,199</b>	<b>12,512</b>	<b>142,711</b>	<b>128,712</b>	<b>13,405</b>	<b>142,117</b>
14. Schools and other educational buildings .....	85,336	3,740	89,076	87,110	7,602	94,712	75,967	8,177	84,144
15. Churches and other religious buildings .....	1,797	227	2,024	956	227	1,183	2,139	247	2,386
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	13,140	1,341	14,481	25,950	3,352	29,302	33,709	3,603	37,312
17. Other institutional buildings .....	8,809	4,040	12,849	16,183	1,331	17,514	16,897	1,378	18,275
<b>Other building construction .....</b>	<b>35,223</b>	<b>11,174</b>	<b>46,397</b>	<b>36,858</b>	<b>6,966</b>	<b>43,824</b>	<b>50,641</b>	<b>7,063</b>	<b>57,704</b>
18. Farm buildings (excluding dwellings) .....	8,691	2,058	10,749	8,965	2,137	11,102	8,422	2,010	10,432
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,826	572	5,398	4,466	582	5,048	5,552	680	6,232
20. Aeroplane hangars .....	495	107	602	745	91	836	14,563	106	14,669
21. Passenger terminals, bus, boat or air .....	9,230	33	9,263	11,926	56	11,982	12,372	56	12,428
22. Armouries, barracks, drill halls, etc. ....	955	875	1,830	1,126	916	2,042	1,032	1,066	2,098
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	5,525	1,672	7,197	5,065	1,996	7,061	4,095	1,677	5,772
24. Other building construction .....	5,501	5,857	11,358	4,565	1,188	5,753	4,605	1,468	6,073
<b>Total engineering construction .....</b>	<b>609,552</b>	<b>73,689</b>	<b>683,241</b>	<b>662,025</b>	<b>80,518</b>	<b>742,543</b>	<b>598,033</b>	<b>85,232</b>	<b>683,265</b>
<b>Marine construction .....</b>	<b>14,231</b>	<b>4,063</b>	<b>18,294</b>	<b>17,021</b>	<b>6,374</b>	<b>23,395</b>	<b>20,425</b>	<b>6,794</b>	<b>27,219</b>
25. Docks, wharves, piers, breakwaters .....	9,615	2,161	11,776	11,690	2,151	13,841	14,604	2,132	16,736
26. Retaining walls, embankments, riprapping.....	837	16	853	1,745	7	1,752	158	41	199
27. Canals and waterways .....	129	89	218	36	9	45	—	8	8
28. Dredging and pile driving .....	1,096	1,204	2,300	1,039	1,230	2,269	1,415	1,362	2,777
29. Dyke construction .....	—	30	30	14	58	72	20	123	143
30. Logging booms .....	517	415	932	243	396	639	547	503	1,050
31. Other marine construction .....	2,037	148	2,185	2,254	2,523	4,777	3,681	2,625	6,306

See footnotes at end of table.

**TABLE 27. Total Value of Construction Work Performed—New and Repair by Type of Structure—British Columbia, 1966-68<sup>1,2,3,4,5</sup>—Concluded**

Type of structure	1966			1967			1968		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>143,357</b>	<b>25,745</b>	<b>169,102</b>	<b>138,323</b>	<b>27,640</b>	<b>165,963</b>	<b>130,024</b>	<b>28,232</b>	<b>158,256</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	35,265	4,341	39,606	63,194	13,094	76,288	61,383	13,739	75,122
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	78,190	15,462	93,652	34,871	6,820	41,691	20,385	6,812	27,197
34. Dirt, clay or other streets, roads, parking lots, etc. ....	21,499	5,388	26,887	28,800	7,087	35,887	38,734	6,967	45,701
35. Grading, scraping, oiling, filling .....	1,666	110	1,776	2,393	97	2,490	888	92	980
36. Sidewalks, paths .....	1,185	241	1,426	2,369	330	2,699	2,733	380	3,113
37. Aerodromes, landing fields, runways, tarmac .....	5,552	203	5,755	6,696	212	6,908	5,901	242	6,143
<b>Waterworks and sewage systems .....</b>	<b>31,962</b>	<b>4,974</b>	<b>36,936</b>	<b>30,581</b>	<b>5,504</b>	<b>36,085</b>	<b>26,497</b>	<b>5,564</b>	<b>32,061</b>
38. Tile drains, drainage ditches, storm sewers .....	1,503	261	1,764	2,283	282	2,565	1,309	254	1,563
39. Water mains, hydrants and services .....	11,987	3,077	15,064	14,597	3,204	17,801	9,181	3,281	12,462
40. Sewage systems and connections .....	17,279	1,466	18,745	12,350	1,788	14,138	15,393	1,797	17,190
41. Pumping stations, water .....	826	90	916	550	172	722	474	171	645
42. Water storage tanks .....	367	80	447	801	58	859	140	61	201
<b>Dams and irrigation .....</b>	<b>137,407</b>	<b>688</b>	<b>138,095</b>	<b>123,428</b>	<b>647</b>	<b>124,075</b>	<b>84,155</b>	<b>466</b>	<b>84,621</b>
43. Dams and reservoirs .....	136,416	414	136,830	122,262	379	122,641	83,179	214	83,393
44. Irrigation and land reclamation projects .....	991	274	1,265	1,166	268	1,434	976	252	1,228
<b>Electric power construction .....</b>	<b>121,295</b>	<b>8,893</b>	<b>130,188</b>	<b>177,355</b>	<b>9,205</b>	<b>186,560</b>	<b>130,259</b>	<b>9,803</b>	<b>140,062</b>
45. Electric power generating plants, including water conveying and controlling structures .....	50,421	3,380	53,801	82,528	3,436	85,964	48,272	3,852	52,124
46. Electric transformer stations .....	1,003	99	1,102	1,230	113	1,343	328	139	467
47. Power transmission and distribution lines, trolley wires .....	68,016	5,250	73,266	91,871	5,318	97,189	80,242	5,527	85,769
48. Street lighting .....	1,855	164	2,019	1,726	338	2,064	1,417	285	1,702
<b>Railway, telephone and telegraph .....</b>	<b>38,017</b>	<b>17,438</b>	<b>55,455</b>	<b>38,957</b>	<b>18,499</b>	<b>57,456</b>	<b>40,815</b>	<b>21,022</b>	<b>61,837</b>
49. Railway tracks and roadbed .....	18,364	12,334	30,698	18,813	13,504	32,317	19,280	15,374	34,654
50. Signals and interlockers .....	1,597	795	2,392	1,565	1,182	2,747	2,979	1,402	4,381
51. Telegraph and telephone lines, underground and marine cables .....	18,056	4,309	22,365	18,579	3,813	22,392	18,556	4,246	22,802
<b>Gas and oil facilities .....</b>	<b>63,096</b>	<b>4,969</b>	<b>68,065</b>	<b>64,811</b>	<b>4,796</b>	<b>69,607</b>	<b>89,316</b>	<b>5,374</b>	<b>94,690</b>
52. Gas mains and services .....	5,416	551	5,967	6,262	652	6,914	9,935	706	10,641
53. Pumping stations, oil .....	1,936	167	2,103	1,406	300	1,706	2,210	720	2,930
54. Pumping stations, gas .....	2,090	1	2,091	213	8	221	243	9	252
55. Oil storage tanks .....	1,937	419	2,356	1,432	435	1,867	1,296	525	1,821
56. Gas storage tanks .....	5,089	32	5,121	65	127	192	18	3	21
57. Oil pipe lines .....	2,627	536	3,163	686	268	954	1,026	45	1,071
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	26,852	560	27,412	17,382	369	17,751	23,942	358	24,300
60. Gas wells .....	15,760	189	15,949	21,331	452	21,783	37,322	453	37,775
61. Oil refinery—Processing units <sup>4</sup> .....	389	2,349	2,738	4,689	1,992	6,681	12,324	2,353	14,677
62. Natural gas cleaning plants .....	1,000	165	1,165	11,345	193	11,538	1,000	202	1,202
<b>Other engineering construction .....</b>	<b>60,187</b>	<b>6,919</b>	<b>67,106</b>	<b>71,549</b>	<b>7,853</b>	<b>79,402</b>	<b>76,542</b>	<b>7,977</b>	<b>84,519</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	14,026	4,074	18,100	15,323	4,316	19,639	18,422	4,910	23,332
64. Tunnels and subways .....	5,123	—	5,123	1,045	—	1,045	3,039	63	3,102
65. Incinerators .....	20	9	29	—	7	7	70	2	72
66. Park systems, landscaping, sodding, etc. ....	893	458	1,351	1,926	827	2,753	1,762	1,058	2,820
67. Swimming pools, tennis courts, outdoor recreation facilities ....	234	134	368	812	153	965	243	163	406
68. Mine shafts and other below surface workings .....	3,393	229	3,622	14,099	106	14,205	14,900	139	15,039
69. Fences, snowsheds, signs, guard rails .....	1,448	1,132	2,580	1,625	560	2,185	1,364	594	1,958
70. Other engineering construction .....	35,050	883	35,933	36,719	1,884	38,603	36,742	1,048	37,790

<sup>1</sup> Actual 1966, preliminary 1967, intentions 1968.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering".

<sup>4</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>5</sup> Includes Northwest Territories and Yukon.



## STATISTICAL NOTES

### Sources

The statistics presented in this report are based largely on information received from organizations and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys:

(a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises and

(b) the construction survey of government departments which provided much of the remainder.

In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees.

### Coverage and Reliability of Estimates

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1968".

The figures on value of work in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In Manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1965 of all the firms in each industry by the corresponding 1965 total for the firms reporting in the 1968 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1965 and 1968 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the Utilities, Trade Finance and Institutional and Commercial Services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for type of structure, individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1967 preliminary actual figures and the 1968 forecast figures were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1967 to 1968 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1966 and 1967, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1968 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1968.

The data on the 1968 construction expenditures are aggregates of the expectations of individual respondents and are therefore subject to fluctuations caused by a number of internal and external factors such as: weather conditions, strikes, availability of credit, availability of skilled trades and material resources, government action and other such factors.



### Labour and Material Content

The 1966 Survey of Contractors and Sub-Contractors provides the basic data for deriving ratios of labour and material content. The estimates of labour and materials are derived by applying the ratios of these items to the total value of work performed. The ratios used to breakdown the own-account portion are derived from the Capital Expenditures Survey. The estimation of the withdrawals of owners and partners is derived from "Taxation Statistics" published by the Department of National Revenue.

To obtain the number of employees the average annual earnings of contractors and sub-contractors

were obtained from the results of the 1963 Contractors Survey. These figures were inflated to allow for salary and wage increases, and were subsequently divided into the estimated total of salaries and wages for 1966, 1967 and 1968.

The Labour Series as published in "Construction in Canada" is intended to reflect the labour content in terms of equivalent man years of a specific volume of construction. It is an estimate of the total number of persons, employers, own-account, and paid workers engaged in Construction activity.

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1967-69



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## INTRODUCTION

This report contains data on the total value of construction put in place during 1967 and 1968 and provides estimates of the intended programme for 1969. The information presented for 1968 is preliminary whereas that shown for 1967 and earlier years is final.

The estimates are based mainly on data collected earlier by the DBS for the publication "Private and Public Investment in Canada, Outlook

1969". The report "Private and Public Investment in Canada" provides data by industry and by area, while the present report "Construction in Canada" shows estimates for about 70 different types of structures. The total construction programme is also cross-classified by type of structure, industry, province, new and repair work, own account and contract work, constant and current dollars, etc. Also included are statistics on cost of materials used and on the labour content of the value of construction put in place.

## DEFINITIONS

Construction activity is defined for purposes of this report as the creation of fixed capital in the form of buildings, bridges, highways, port facilities, hydro-electric installations and other such structures; also included are outlays for additions, alterations and repairs to these structures.

Construction activity includes both "own account construction" and "contract" construction. "Own account" is that portion of the construction activity performed by an establishment primarily engaged in some business other than construction for its own account and performed by its own employees, as well as individuals engaging in new construction and repairs for their own use.

New construction comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended.

Repair construction consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

The data for the value of construction put in place includes all costs incurred directly or indirectly by the organization or individual paying for the erection of a new structure.

## GENERAL REVIEW

Expenditures on construction type goods and services for 1969 are expected to rise to about \$13.3 billion from about \$12.2 billion in 1968 or by 8.4 per cent. The 1969 percentage increase over the previous year compares with increases of 3.2 per cent and 5.6 per cent realized in 1967 and 1968 respectively. With the exceptions of Prince Edward Island and Saskatchewan, all provinces are expected to record increases in construction expenditures in 1969.

The intended 1969 spending on new construction at \$11.0 billion will probably be 8.9 per cent higher than 1968; while, the repair portion, amounting to just over \$2.2 billion, will show an approximate increase of 5.9 per cent. The proportion of the complete programme to be performed under contract during 1969 will remain comparable to last year's proportion (80.6 per cent). Of the total value of construction to be put in place during 1969, the engineering portion is estimated to account for 39.5 per cent of the total activity and will probably show an increase of 5.7 per cent over the previous

year. The strength (dollar volume) in the engineering group of structures is primarily due to projects classified under gas and oil facilities, electric power construction and road, highway and aerodrome construction. The greatest percentage increase in the engineering group of structures will probably occur in the categories of water works and sewage systems, gas and oil facilities and marine construction. Building construction will probably rise by 10.1 per cent with the largest percentage and dollar volume increases in residential buildings and commercial type buildings such as office buildings, stores, warehouses, hotels etc.

The analysis of the total value of work to be put in place in 1969 by the various industries reveals some significant variations over 1968. The Commercial sector shows the largest percentage increase (26.8 per cent) followed closely by the Trade sector (24.5 per cent), while the largest increase in terms of dollar volume will probably occur in Housing.

**TABLE A. Total Value of Construction Work Performed - Percentage Variation from Year to Year  
in Terms of Current and Constant Dollars, 1960-69<sup>1,2</sup>**

Year	Current dollars		Constant 1957 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1960 .....	6,886	- 2.7	6,525	- 4.7
1961 .....	6,974	1.3	6,659	2.1
1962 .....	7,296	4.6	6,794	2.0
1963 .....	7,716	5.8	6,930	2.0
1964 .....	8,634	11.9	7,441	7.4
1965 .....	9,868	14.3	7,972	7.1
1966 .....	11,237	13.9	8,566	7.5
1967 .....	11,594	3.2	8,454	- 1.3
1968 .....	12,242	5.6	8,486	.4
1969 .....	13,266	8.4	-	-

<sup>1</sup> For the Dominion Bureau of Statistics report "Private and Public Investment in Canada" the total value of construction work performed amounted to \$11,593 millions in 1967 and \$12,242 millions in 1968 and \$13,262 millions in 1969. The small differences are due to rounding procedures.

<sup>2</sup> Actual expenditures 1960-67, preliminary actual 1968, intentions 1969.

**TABLE B. Capital and Repair Expenditures - Summary by Sectors, Canada, 1967-69<sup>1,2,3</sup>**  
(Millions of dollars)

Type of enterprise		Capital expenditures			Repair expenditures			Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Total
Agriculture and fishing <sup>2</sup> .....	1967	255	860	1,115	99	219	318	354	1,079	1,433
	1968	254	765	1,019	99	230	329	353	995	1,348
	1969	253	767	1,020	98	232	330	351	999	1,350
Forestry .....	1967	38	48	86	19	51	70	57	99	156
	1968	43	41	84	17	47	64	60	88	148
	1969	48	52	100	18	47	65	66	99	165
Mining, quarrying and oil wells <sup>3</sup> .....	1967	762	289	1,051	72	188	260	834	477	1,311
	1968	742	298	1,040	83	226	309	825	524	1,349
	1969	751	269	1,020	86	226	312	837	495	1,332
Manufacturing .....	1967	677	1,857	2,534	180	976	1,156	857	2,833	3,690
	1968	584	1,634	2,218	178	981	1,159	762	2,615	3,377
	1969	619	1,921	2,540	194	1,008	1,202	813	2,929	3,742
Utilities .....	1967	1,748	1,397	3,145	347	672	1,019	2,095	2,069	4,164
	1968	1,856	1,412	3,268	339	644	983	2,195	2,056	4,251
	1969	1,977	1,489	3,466	365	683	1,048	2,342	2,172	4,514
Construction industry .....	1967	14	230	244	6	200	206	20	430	450
	1968	14	240	254	5	180	185	19	420	439
	1969	15	250	265	6	210	216	21	460	481
Housing .....	1967	2,352	-	2,352	713	-	713	3,065	-	3,065
	1968	2,844	-	2,844	729	-	729	3,573	-	3,573
	1969	3,200	-	3,200	772	-	772	3,972	-	3,972
Trade - Wholesale and retail .....	1967	205	337	542	65	74	139	270	411	681
	1968	218	306	524	54	72	126	272	378	650
	1969	280	332	612	58	76	134	338	408	746
Finance, insurance and real estate .....	1967	417	81	498	28	11	39	445	92	537
	1968	384	87	471	29	11	40	413	98	511
	1969	425	85	510	28	11	39	453	96	549
Commercial services .....	1967	142	352	494	23	71	94	165	423	588
	1968	105	349	454	26	70	96	131	419	550
	1969	145	416	561	21	82	103	166	498	664
Institutional services .....	1967	1,107	208	1,315	88	25	113	1,195	233	1,428
	1968	1,201	214	1,415	96	25	121	1,297	239	1,536
	1969	1,287	233	1,520	105	27	132	1,392	260	1,652
Government departments .....	1967	1,731	215	1,946	505	68	573	2,236	283	2,519
	1968	1,891	196	2,087	451	75	526	2,342	271	2,613
	1969	2,034	198	2,232	477	73	550	2,511	271	2,782
<b>Totals</b> .....	1967	<b>9,448</b>	<b>5,874</b>	<b>15,322</b>	<b>2,145</b>	<b>2,555</b>	<b>4,700</b>	<b>11,593</b>	<b>8,429</b>	<b>20,022</b>
	1968	<b>10,136</b>	<b>5,542</b>	<b>15,678</b>	<b>2,106</b>	<b>2,561</b>	<b>4,667</b>	<b>12,242</b>	<b>8,103</b>	<b>20,345</b>
	1969	<b>11,034</b>	<b>6,012</b>	<b>17,046</b>	<b>2,228</b>	<b>2,675</b>	<b>4,903</b>	<b>13,262</b>	<b>8,687</b>	<b>21,949</b>

<sup>1</sup> Table from "Private and Public Investment in Canada, Outlook 1969" - actual expenditures 1967, preliminary actual 1968, intentions 1969.

<sup>2</sup> Estimates for capital and repair expenditures in Agriculture have been revised on the basis of the 1958 Farm Income and Expenditure Survey and the 1961 Census of Agriculture, and are not comparable with data for years prior to 1961.

<sup>3</sup> Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration expenditures by mining companies in production, those preparing for production and exploration companies. The 1967 increase in level therefore reflects upward revisions on the part of respondents and also a modification of statistical techniques.



**TABLE 1. Total Value of Construction Work Performed - Current and Constant Dollars by New and Repair, 1960 - 69<sup>1</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Product	
	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars	Current dollars	Constant 1957 dollars
	millions of dollars						per cent	
1960.....	5,454	5,224	1,432	1,301	6,886	6,525	19.0	19.1
1961.....	5,518	5,346	1,456	1,313	6,974	6,659	18.7	19.0
1962.....	5,787	5,475	1,509	1,319	7,296	6,794	18.1	18.2
1963.....	6,157	5,613	1,559	1,317	7,716	6,930	17.8	17.6
1964.....	7,004	6,119	1,630	1,322	8,634	7,441	18.2	17.8
1965.....	8,114	6,626	1,754	1,346	9,868	7,972	18.9	17.8
1966.....	9,283	7,163	1,954	1,403	11,237	8,566	19.3	18.0
1967.....	9,448	7,017	2,146	1,437	11,594	8,454	18.7	17.3
1968.....	10,136	7,166	2,106	1,320	12,242	8,486	—	—
1969.....	11,035	—	2,231	—	13,266	—	—	—

<sup>1</sup> Actual 1960-67, preliminary 1968, intentions 1969.

**TABLE 2. Total Value of Construction Work Performed - Contractors and Others by New and Repair, 1965 - 69<sup>1,2</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
1965.....	6,904	966	7,870	1,210	788	1,998	8,114	1,754	9,868
1966.....	8,062	1,061	9,123	1,221	893	2,114	9,283	1,954	11,237
1967.....	8,075	1,170	9,245	1,373	976	2,349	9,448	2,146	11,594
1968.....	8,695	1,176	9,871	1,441	930	2,371	10,136	2,106	12,242
1969.....	9,485	1,247	10,732	1,550	984	2,534	11,035	2,231	13,266

<sup>1</sup> Actual 1965-67, preliminary 1968, intentions 1969.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

**TABLE 3. Total Value of Construction Work Performed - Principal Type of Construction, 1965 - 69<sup>1,2</sup>**

Type of construction	1965		1966		1967		1968		1969	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction.....</b>	<b>9,868</b>	<b>100.0</b>	<b>11,237</b>	<b>100.0</b>	<b>11,594</b>	<b>100.0</b>	<b>12,242</b>	<b>100.0</b>	<b>13,266</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup>.....</b>	<b>5,906</b>	<b>59.9</b>	<b>6,661</b>	<b>59.3</b>	<b>6,826</b>	<b>58.9</b>	<b>7,283</b>	<b>59.5</b>	<b>8,022</b>	<b>60.5</b>
Residential.....	2,752	27.9	2,843	25.3	3,065	26.4	3,573	29.2	3,973	30.0
Industrial.....	776	7.9	1,001	8.9	870	7.5	731	6.0	784	5.9
Commercial.....	1,015	10.3	1,250	11.1	1,221	10.5	1,156	9.4	1,301	9.8
Institutional.....	1,019	10.3	1,170	10.4	1,258	10.9	1,397	11.4	1,504	11.3
Other building.....	344	3.5	397	3.6	412	3.6	426	3.5	460	3.5
<b>Total engineering.....</b>	<b>3,962</b>	<b>40.1</b>	<b>4,576</b>	<b>40.7</b>	<b>4,768</b>	<b>41.1</b>	<b>4,959</b>	<b>40.5</b>	<b>5,244</b>	<b>39.5</b>
Marine.....	107	1.1	130	1.2	143	1.2	135	1.1	147	1.1
Road highway and aerodrome construction.....	1,067	10.7	1,230	10.9	1,283	11.1	1,210	9.9	1,273	9.6
Waterworks and sewage systems.....	361	3.7	405	3.6	385	3.3	445	3.6	506	3.8
Dams and irrigation.....	292	3.0	233	2.1	163	1.4	166	1.4	176	1.3
Electric power construction.....	576	5.8	743	6.6	859	7.4	965	7.9	1,033	7.8
Railway, telephone and telegraph construction.....	406	4.1	483	4.3	516	4.5	494	4.0	532	4.0
Gas and oil facilities.....	633	6.4	687	6.1	742	6.4	879	7.2	959	7.2
Other engineering construction.....	520	5.3	665	5.9	677	5.8	665	5.4	618	4.7

<sup>1</sup> Actual 1965-67, preliminary 1968, intentions 1969.

<sup>2</sup> Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966, 1967, 1968 and 1969 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 8 to 27. The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.

**TABLE 4. Total Value of Construction Work Performed—Principal Type of Construction by Industry, 1967-69<sup>1,2,3</sup>**

Industry	1967			1968			1969		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals .....</b>	<b>6,825,680</b>	<b>4,768,349</b>	<b>11,594,029</b>	<b>7,282,651</b>	<b>4,958,951</b>	<b>12,241,602</b>	<b>8,022,005</b>	<b>5,244,473</b>	<b>13,266,478</b>
Agriculture and fishing <sup>2</sup> .....	229,642	123,905	353,547	229,194	123,680	352,874	227,699	122,876	350,575
Forestry .....	9,728	47,862	57,590	8,525	51,420	59,945	10,251	56,231	66,482
Mining, quarrying and oil wells <sup>3</sup> .....	165,747	668,553	834,300	162,985	662,015	825,000	163,173	674,427	837,600
Construction .....	19,658	342	20,000	18,642	358	19,000	20,596	404	21,000
Manufacturing .....	660,274	197,081	857,355	541,828	219,511	761,339	583,344	230,514	813,858
Utilities .....	197,447	1,896,981	2,094,428	198,975	1,996,105	2,195,080	235,836	2,106,512	2,342,348
Trade—Wholesale and retail .....	256,301	13,973	270,274	259,433	12,361	271,794	318,198	20,144	338,342
Finance, insurance and real estate .....	437,092	7,214	444,306	403,916	9,021	412,937	449,534	3,652	453,186
Commercial services .....	149,771	15,881	165,652	127,885	3,514	131,399	164,664	1,903	166,567
Housing .....	3,064,700	—	3,064,700	3,572,400	—	3,572,400	3,972,600	—	3,972,600
Institutional services .....	1,183,816	11,756	1,195,572	1,286,518	10,707	1,297,225	1,385,027	7,037	1,392,064
Government departments .....	451,504	1,784,801	2,236,305	472,350	1,870,259	2,342,609	491,083	2,020,773	2,511,856

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table B.

**TABLE 5. Total Value of Construction Work Performed—Dollar and Percentage Variation by Principal Type of Construction by Industry, 1967-69<sup>1,2,3</sup>**

Industry	Variation 1967 to 1968						Variation 1968 to 1969					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals .....</b>	<b>457</b>	<b>6.7</b>	<b>191</b>	<b>4.0</b>	<b>648</b>	<b>5.6</b>	<b>739</b>	<b>10.2</b>	<b>286</b>	<b>5.8</b>	<b>1,025</b>	<b>8.4</b>
Agriculture and fishing <sup>2</sup> .....	- 1	- .2	—	— .2	- 1	- .2	- 1	- .7	- 1	- .7	- 2	- .7
Forestry .....	- 2	- 12.4	4	7.4	2	4.1	2	20.2	5	9.4	7	10.9
Mining, quarrying and oil wells <sup>3</sup> .....	- 3	- 1.7	- 6	- 1.0	- 9	- 1.1	—	.1	13	1.9	13	1.5
Construction .....	- 1	- 5.2	—	4.7	- 1	- 5.0	2	10.5	—	12.8	2	10.5
Manufacturing .....	- 118	- 17.9	22	11.4	- 96	- 11.2	41	7.7	11	5.0	52	6.9
Utilities .....	2	.8	99	5.2	101	4.8	37	18.5	110	5.5	147	6.7
Trade—Wholesale and retail .....	3	1.2	- 2	- 11.5	1	.6	59	22.7	8	63.0	67	24.5
Finance, insurance and real estate .....	- 33	- 7.6	2	25.0	- 31	- 7.1	45	11.3	- 5	- 59.5	40	9.7
Commercial services .....	- 22	- 14.6	- 12	- 77.9	- 34	- 20.7	37	28.8	- 2	- 45.8	35	26.8
Housing .....	508	16.6	—	—	508	16.6	400	11.2	—	—	400	11.2
Institutional services .....	103	8.7	- 1	- 8.9	102	8.5	99	7.7	- 4	- 34.3	95	7.3
Government departments .....	21	4.6	85	4.8	106	4.8	18	4.0	151	8.0	169	7.2

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table B.

TABLE 6. Total Value of Construction Work Performed—Type of Structure, 1965 - 69<sup>1,2,3,4</sup>

Type of structure	1965	1966	1967	1968	1969
thousands of dollars					
<b>Total value of construction .....</b>	<b>9,867,919</b>	<b>11,237,395</b>	<b>11,594,029</b>	<b>12,241,602</b>	<b>13,266,478</b>
<b>Total building construction .....</b>	<b>5,905,641</b>	<b>6,660,824</b>	<b>6,825,680</b>	<b>7,282,651</b>	<b>8,022,005</b>
<b>Residential .....</b>	<b>2,751,500</b>	<b>2,842,600</b>	<b>3,064,700</b>	<b>3,572,400</b>	<b>3,972,600</b>
<b>Industrial .....</b>	<b>775,456</b>	<b>1,000,922</b>	<b>869,820</b>	<b>730,912</b>	<b>784,056</b>
2. Factories, plants, workshops, food canneries .....	679,909	808,285	692,815	562,146	625,950
3. Mine and mine mill buildings .....	63,944	156,578	136,662	137,409	120,826
4. Railway stations, offices, roadway buildings .....	20,435	23,125	27,912	18,999	21,477
5. Railway shops, engine houses, water and fuel stations .....	11,168	12,934	12,431	12,358	15,803
<b>Commercial .....</b>	<b>1,015,114</b>	<b>1,249,897</b>	<b>1,221,282</b>	<b>1,156,340</b>	<b>1,300,837</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	80,469	103,881	114,664	134,290	120,705
7. Grain elevators .....	18,052	34,317	46,026	27,131	14,785
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	97,415	119,152	95,290	71,262	99,842
9. Office buildings .....	408,965	454,195	479,029	486,801	549,377
10. Stores, retail and wholesale .....	252,188	303,237	266,626	247,618	305,645
11. Garages and service stations .....	56,501	52,918	80,252	89,375	108,456
12. Theatres, arenas, amusement and recreational buildings .....	98,306	178,172	136,273	95,127	99,426
13. Laundries and dry cleaning establishments .....	3,218	4,025	3,122	4,736	2,601
<b>Institutional .....</b>	<b>1,019,315</b>	<b>1,170,566</b>	<b>1,257,989</b>	<b>1,397,057</b>	<b>1,504,404</b>
14. Schools and other educational buildings .....	671,696	800,871	903,595	1,000,090	1,008,131
15. Churches and other religious buildings .....	58,511	55,036	50,163	38,842	38,047
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	184,569	210,321	224,631	252,400	341,319
17. Other institutional buildings .....	104,539	104,338	79,600	105,725	116,907
<b>Other building construction .....</b>	<b>344,256</b>	<b>396,839</b>	<b>411,889</b>	<b>425,942</b>	<b>460,108</b>
18. Farm buildings (excluding dwellings) .....	192,341	233,985	235,286	236,887	235,764
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	44,192	39,321	38,459	44,124	60,340
20. Aeroplane hangars .....	3,755	5,085	5,538	12,652	17,600
21. Passenger terminals, bus, boat or air .....	10,029	27,662	23,287	13,489	21,864
22. Armouries, barracks, drill halls, etc. ....	21,425	18,629	12,986	9,450	10,259
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	15,277	17,086	23,398	20,269	22,189
24. Other building construction .....	57,237	55,071	72,935	89,071	92,092
<b>Total engineering construction .....</b>	<b>3,962,278</b>	<b>4,576,571</b>	<b>4,768,349</b>	<b>4,958,951</b>	<b>5,244,473</b>
<b>Marine construction .....</b>	<b>107,349</b>	<b>130,033</b>	<b>142,448</b>	<b>134,935</b>	<b>147,534</b>
25. Docks, wharves, piers, breakwaters .....	55,575	69,795	75,656	78,439	77,921
26. Retaining walls, embankments, riprapping .....	6,904	12,925	16,636	5,531	6,847
27. Canals and waterways .....	24,873	31,561	23,639	22,600	30,764
28. Dredging and pile driving .....	11,959	7,291	11,746	14,023	15,227
29. Dyke construction .....	518	1,157	4,051	1,914	2,056
30. Logging booms .....	1,772	1,463	1,146	990	619
31. Other marine construction .....	5,748	5,841	9,574	11,438	14,100

See footnotes at end of table.



TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1965-69<sup>1,2,3,4</sup> - Concluded

Type of structure	1965	1966	1967	1968	1969
thousands of dollars					
<b>Road, highway and aerodrome construction</b> .....	<b>1,067,021</b>	<b>1,230,145</b>	<b>1,282,884</b>	<b>1,210,377</b>	<b>1,272,677</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	678,324	756,265	788,930	882,764	940,241
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	264,039	297,281	330,974	164,527	163,449
34. Dirt, clay or other streets, roads, parking lots, etc. ....	46,646	74,204	68,047	68,286	82,715
35. Grading, scraping, oiling, filling .....	32,735	58,815	58,464	57,997	50,791
36. Sidewalks, paths.....	27,454	24,459	22,652	24,879	24,895
37. Aerodromes, landing fields, runways, tarmac.....	17,823	19,121	13,817	11,924	10,586
<b>Waterworks and sewage systems</b> .....	<b>361,294</b>	<b>405,229</b>	<b>385,380</b>	<b>445,438</b>	<b>506,330</b>
38. Tile drains, drainage ditches, storm sewers.....	31,218	40,684	43,488	58,652	56,152
39. Water mains, hydrants and services.....	131,427	138,359	135,807	130,964	143,086
40. Sewage systems and connections.....	163,266	183,446	171,953	226,706	265,648
41. Pumping stations, water.....	26,560	32,929	27,949	22,460	34,164
42. Water storage tanks.....	8,823	9,811	6,183	6,656	7,280
<b>Dams and irrigation</b> .....	<b>291,608</b>	<b>233,105</b>	<b>163,283</b>	<b>165,661</b>	<b>175,702</b>
43. Dams and reservoirs.....	266,814	188,134	129,770	129,241	137,318
44. Irrigation and land reclamation projects .....	24,794	44,971	33,513	36,420	38,384
<b>Electric power construction</b> .....	<b>576,289</b>	<b>742,452</b>	<b>859,371</b>	<b>964,847</b>	<b>1,032,852</b>
45. Electric power generating plants, including water conveying and controlling structures.....	190,404	350,075	476,628	466,626	443,587
46. Electric transformer stations.....	52,815	39,094	44,212	81,349	78,823
47. Power transmission and distribution lines, trolley wires.....	308,719	324,012	308,840	394,666	486,093
48. Street lighting .....	24,351	29,271	29,691	22,206	24,349
<b>Railway, telephone and telegraph</b> .....	<b>405,638</b>	<b>483,076</b>	<b>515,431</b>	<b>493,647</b>	<b>532,444</b>
49. Railway tracks and roadbed.....	202,891	235,798	265,392	232,176	262,035
50. Signals and interlockers.....	16,021	24,757	22,899	22,346	27,343
51. Telegraph and telephone lines, underground and marine cables .....	186,726	222,521	227,140	239,125	243,066
<b>Gas and oil facilities</b> .....	<b>633,471</b>	<b>687,320</b>	<b>742,129</b>	<b>878,758</b>	<b>959,315</b>
52. Gas mains and services.....	50,945	66,100	53,504	83,706	101,140
53. Pumping stations, oil.....	3,444	5,470	6,804	9,681	8,872
54. Pumping stations, gas .....	4,382	9,856	10,788	29,988	23,101
55. Oil storage tanks.....	10,077	16,304	16,620	17,952	17,883
56. Gas storage tanks.....	1,418	5,325	3,190	2,746	4,837
57. Oil pipe lines.....	42,056	70,449	71,705	47,478	40,723
58. Gas pipe lines.....	51,249	53,781	72,521	119,600	76,540
59. Oil wells.....	290,334	240,849	216,411	271,205	331,919
60. Gas wells.....	70,363	91,337	101,020	92,676	101,215
61. Oil refinery - Processing units <sup>3</sup> .....	64,853	86,217	114,410	129,728	178,989
62. Natural gas cleaning plants.....	44,350	41,632	75,156	73,998	74,096
<b>Other engineering construction</b> .....	<b>519,608</b>	<b>665,211</b>	<b>677,423</b>	<b>665,288</b>	<b>617,619</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	215,693	218,967	192,906	230,088	244,287
64. Tunnels and subways.....	61,107	67,803	63,864	21,761	36,627
65. Incinerators .....	273	185	274	273	241
66. Park systems, landscaping, sodding, etc.....	11,707	34,342	23,077	18,165	18,053
67. Swimming pools, tennis courts, outdoor recreation facilities.....	3,877	4,244	7,984	5,622	7,802
68. Mine shafts and other below surface workings.....	58,707	98,401	165,659	155,062	102,440
69. Fences, snowsheds, signs, guard rails .....	43,827	43,863	47,965	44,991	44,651
70. Other engineering construction.....	124,417	197,406	175,694	189,326	163,518

<sup>1</sup> Actual 1965-67, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.

**TABLE 7. Total Value of Construction Work Performed—Labour Content and Cost of Materials Used  
by Province, 1965-69<sup>1,2</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
			thousands of dollars	
Canada:				
1965 .....	593,093	3,275,806	4,764,920	9,867,919
1966 .....	599,940	3,699,433	5,145,560	11,237,395
1967 .....	580,588	3,903,616	5,074,682	11,594,029
1968 .....	578,825	4,100,719	5,366,753	12,241,602
1969 .....	587,059	4,443,870	5,828,067	13,266,478
Newfoundland:				
1965 .....	13,382	58,824	79,199	186,305
1966 .....	15,157	73,614	97,486	256,256
1967 .....	14,397	76,298	120,527	270,729
1968 .....	16,593	97,207	151,353	339,636
1969 .....	16,999	107,468	170,424	378,080
Prince Edward Island:				
1965 .....	2,825	11,142	18,258	39,160
1966 .....	2,920	13,549	19,266	44,476
1967 .....	2,432	12,213	15,842	37,111
1968 .....	2,318	11,436	15,068	34,949
1969 .....	2,085	10,951	14,582	33,188
Nova Scotia:				
1965 .....	21,244	88,375	120,328	256,356
1966 .....	22,792	103,644	144,190	314,655
1967 .....	21,714	106,706	141,056	323,329
1968 .....	20,112	109,106	148,714	336,937
1969 .....	24,199	141,865	194,114	439,498
New Brunswick:				
1965 .....	19,131	80,833	128,450	255,314
1966 .....	17,767	87,363	138,190	282,378
1967 .....	16,976	90,834	135,968	295,497
1968 .....	15,924	82,621	127,238	268,832
1969 .....	16,516	91,612	141,572	298,339
Quebec:				
1965 .....	158,996	853,898	1,311,746	2,616,761
1966 .....	150,198	885,182	1,253,072	2,688,832
1967 .....	128,607	856,265	1,142,602	2,542,813
1968 .....	128,773	887,130	1,194,201	2,674,621
1969 .....	125,048	920,966	1,241,401	2,783,027
Ontario:				
1965 .....	189,239	1,102,276	1,554,190	3,171,774
1966 .....	202,898	1,296,600	1,755,239	3,786,950
1967 .....	203,440	1,376,783	1,755,132	3,928,994
1968 .....	202,347	1,469,296	1,875,073	4,206,469
1969 .....	211,488	1,645,065	2,104,900	4,709,776
Manitoba:				
1965 .....	29,820	142,431	194,399	415,113
1966 .....	30,061	158,433	217,658	485,234
1967 .....	30,251	188,564	238,928	557,722
1968 .....	30,115	220,975	277,309	645,172
1969 .....	31,563	248,914	313,090	728,184

See footnotes at end of table.

**TABLE 7. Total Value of Construction Work Performed—Labour Content and Cost of Materials Used by Province, 1965-69<sup>1,2</sup>—Concluded**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
	thousands of dollars			
Saskatchewan:				
1965	34,880	182,669	258,827	564,983
1966	36,355	204,466	297,802	658,701
1967	32,971	213,846	290,386	668,638
1968	29,573	215,104	292,111	672,567
1969	27,113	209,760	284,769	655,458
Alberta:				
1965	58,591	333,813	509,543	1,093,666
1966	59,509	383,463	592,698	1,276,408
1967	63,378	424,120	557,540	1,348,237
1968	65,888	460,341	611,145	1,465,393
1969	65,657	490,193	652,549	1,561,152
British Columbia: <sup>2</sup>				
1965	64,985	421,545	589,980	1,268,487
1966	62,283	493,119	629,959	1,443,505
1967	66,422	557,987	676,701	1,620,959
1968	67,182	547,503	674,541	1,597,026
1969	66,391	577,076	710,666	1,679,776

<sup>1</sup> Actual 1965-67, preliminary 1968, intentions 1969.

<sup>2</sup> British Columbia includes Northwest Territories and Yukon.

**TABLE 8. Total Value of Work Performed—Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1965-69<sup>1,2</sup>**

Year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
thousands of dollars				
Total:				
1965	593,093	3,275,806	4,764,920	9,867,919
1966	599,940	3,699,433	5,145,560	11,237,395
1967	580,588	3,903,616	5,074,682	11,594,029
1968	578,825	4,100,719	5,366,753	12,241,602
1969	587,059	4,443,870	5,828,067	13,266,478
Contractors:				
1965	427,667	2,411,549	3,882,517	7,869,858
1966	449,870	2,837,248	4,279,340	9,123,023
1967	432,125	2,965,199	4,096,585	9,244,604
1968	436,202	3,151,593	4,384,038	9,870,741
1969	444,551	3,430,886	4,778,472	10,731,872
Utilities:				
1965	68,629	396,922	431,615	907,581
1966	56,502	363,088	454,556	936,427
1967	61,234	428,950	549,441	1,096,254
1968	57,455	425,405	540,557	1,085,324
1969	58,462	459,976	583,589	1,172,475
Governments:				
1965	62,721	290,735	216,517	634,533
1966	64,581	333,991	199,581	684,701
1967	58,242	329,012	216,744	739,442
1968	56,163	334,075	219,270	750,650
1969	55,614	355,558	233,468	799,229
Miscellaneous:				
1965	34,076	176,600	234,271	455,947
1966	28,987	165,106	212,083	493,244
1967	28,987	180,455	211,912	513,729
1968	29,005	189,646	222,888	534,887
1969	28,432	197,450	232,538	562,902

<sup>1</sup> Actual 1965-67, preliminary 1968, intentions 1969.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.



TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1967 - 69<sup>1,2,3,4</sup>

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>9,448,316</b>	<b>2,145,713</b>	<b>11,594,029</b>	<b>10,135,686</b>	<b>2,105,916</b>	<b>12,241,602</b>	<b>11,035,078</b>	<b>2,231,400</b>	<b>13,266,478</b>
<b>Total building construction .....</b>	<b>5,542,059</b>	<b>1,283,621</b>	<b>6,825,680</b>	<b>5,999,922</b>	<b>1,282,729</b>	<b>7,282,651</b>	<b>6,676,750</b>	<b>1,345,255</b>	<b>8,022,005</b>
<b>Residential .....</b>	<b>2,351,600</b>	<b>713,100</b>	<b>3,064,700</b>	<b>2,843,500</b>	<b>728,900</b>	<b>3,572,400</b>	<b>3,200,300</b>	<b>772,300</b>	<b>3,972,600</b>
<b>Industrial .....</b>	<b>685,083</b>	<b>184,737</b>	<b>869,820</b>	<b>560,243</b>	<b>170,669</b>	<b>730,912</b>	<b>597,128</b>	<b>186,928</b>	<b>784,056</b>
2. Factories, plants, workshops, food canneries .....	550,360	142,455	692,815	429,720	132,426	562,146	479,205	146,745	625,950
3. Mine and mine mill buildings .....	115,097	21,565	136,662	117,149	20,260	137,409	99,554	21,272	120,826
4. Railway stations, offices, roadway buildings .....	14,037	13,875	27,912	7,709	11,290	18,999	9,563	11,914	21,477
5. Railway shops, engine houses, water and fuel stations .....	5,589	6,842	12,431	5,665	6,693	12,358	8,806	6,997	15,803
<b>Commercial .....</b>	<b>1,035,630</b>	<b>185,652</b>	<b>1,221,282</b>	<b>989,775</b>	<b>166,565</b>	<b>1,156,340</b>	<b>1,126,614</b>	<b>174,223</b>	<b>1,300,837</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	97,044	17,620	114,664	115,678	18,612	134,290	100,721	19,984	120,705
7. Grain elevators .....	36,932	9,094	46,026	21,164	5,967	27,131	9,780	5,005	14,785
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	78,655	16,635	95,290	56,042	15,220	71,262	84,807	15,035	99,842
9. Office buildings .....	416,016	63,013	479,029	427,503	59,298	486,801	482,997	66,380	549,377
10. Stores, retail and wholesale .....	214,737	51,889	266,626	210,996	36,622	247,618	266,497	39,148	305,645
11. Garages and service stations .....	63,637	16,615	80,252	72,757	16,618	89,375	90,433	18,023	108,456
12. Theatres, arenas, amusement and recreational buildings .....	126,935	9,338	136,273	82,317	12,810	95,127	90,079	9,347	99,426
13. Laundries and dry cleaning establishments .....	1,674	1,448	3,122	3,318	1,418	4,736	1,300	1,301	2,601
<b>Institutional .....</b>	<b>1,159,510</b>	<b>98,479</b>	<b>1,257,989</b>	<b>1,287,208</b>	<b>109,849</b>	<b>1,397,057</b>	<b>1,383,091</b>	<b>121,313</b>	<b>1,504,404</b>
14. Schools and other educational buildings .....	854,020	49,575	903,595	945,454	54,636	1,000,090	945,602	62,529	1,008,131
15. Churches and other religious buildings .....	42,735	7,428	50,163	31,401	7,441	38,842	31,438	6,609	38,047
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	192,344	32,287	224,631	217,038	35,362	252,400	302,556	38,763	341,319
17. Other institutional buildings .....	70,411	9,189	79,600	93,315	12,410	105,725	103,495	13,412	116,907
<b>Other building construction .....</b>	<b>310,236</b>	<b>101,653</b>	<b>411,889</b>	<b>319,196</b>	<b>106,746</b>	<b>425,942</b>	<b>369,617</b>	<b>90,491</b>	<b>460,108</b>
18. Farm buildings (excluding dwellings) .....	170,520	64,766	235,286	172,356	64,531	236,887	171,536	64,228	235,764
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	34,765	3,694	38,459	40,055	4,069	44,124	56,232	4,108	60,340
20. Aeroplane hangars .....	2,488	3,050	5,538	11,003	1,649	12,652	15,890	1,710	17,600
21. Passenger terminals, bus, boat or air .....	21,650	1,637	23,287	12,799	690	13,489	21,156	708	21,864
22. Armouries, barracks, drill halls, etc. ....	4,322	8,664	12,986	4,237	5,213	9,450	4,642	5,617	10,259
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	18,616	4,782	23,398	15,842	4,427	20,269	16,693	5,496	22,189
24. Other building construction .....	57,875	15,060	72,935	62,904	26,167	89,071	83,468	8,624	92,092
<b>Total engineering construction .....</b>	<b>3,906,257</b>	<b>862,092</b>	<b>4,768,349</b>	<b>4,135,764</b>	<b>823,187</b>	<b>4,958,951</b>	<b>4,358,328</b>	<b>886,145</b>	<b>5,244,473</b>
<b>Marine construction .....</b>	<b>113,892</b>	<b>28,556</b>	<b>142,448</b>	<b>116,567</b>	<b>18,368</b>	<b>134,935</b>	<b>128,412</b>	<b>19,122</b>	<b>147,534</b>
25. Docks, wharves, piers, breakwaters .....	65,732	9,924	75,656	68,503	9,936	78,439	68,565	9,356	77,921
26. Retaining walls, embankments, riprapping .....	12,574	4,062	16,636	5,207	324	5,531	6,458	389	6,847
27. Canals and waterways .....	17,422	6,217	23,639	19,916	2,684	22,600	27,280	3,484	30,764
28. Dredging and pile driving .....	9,294	2,452	11,746	12,806	1,217	14,023	13,867	1,360	15,227
29. Dyke construction .....	3,814	237	4,051	1,765	149	1,914	1,894	162	2,056
30. Logging booms .....	598	548	1,146	307	683	990	157	462	619
31. Other marine construction .....	4,458	5,116	9,574	8,063	3,375	11,438	10,191	3,909	14,100

See footnotes at end of table.

TABLE 9. Total Value of Construction Work Performed—Type of Structure and by New and Repair—Canada, 1967-69<sup>1,2,3,4</sup>—Concluded

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>955,344</b>	<b>327,540</b>	<b>1,282,884</b>	<b>946,971</b>	<b>263,406</b>	<b>1,210,377</b>	<b>961,710</b>	<b>310,967</b>	<b>1,272,677</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	593,528	195,402	788,930	693,642	189,122	882,764	712,204	228,037	940,241
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	253,126	77,848	330,974	129,061	35,466	164,527	124,846	38,603	163,449
34. Dirt, clay or other streets, roads, parking lots, etc. ....	40,778	27,269	68,047	53,106	15,180	68,286	63,762	18,953	82,715
35. Grading, scraping, oiling, filling.....	40,205	18,259	58,464	43,214	14,783	57,997	34,618	16,173	50,791
36. Sidewalks, paths .....	15,118	7,534	22,652	16,892	7,987	24,879	16,605	8,290	24,895
37. Aerodromes, landing fields, runways, tarmac .....	12,589	1,228	13,817	11,056	868	11,924	9,675	911	10,586
<b>Waterworks and sewage systems .....</b>	<b>314,251</b>	<b>71,129</b>	<b>385,380</b>	<b>373,182</b>	<b>72,256</b>	<b>445,438</b>	<b>431,493</b>	<b>74,837</b>	<b>506,330</b>
38. Tile drains, drainage ditches, storm sewers.....	31,609	11,879	43,488	48,512	10,140	58,652	46,558	9,594	56,152
39. Water mains, hydrants and services .....	105,110	30,697	135,807	100,164	30,800	130,964	110,264	32,822	143,086
40. Sewage systems and connections .....	147,431	24,522	171,953	199,659	27,047	226,706	238,260	27,388	265,648
41. Pumping stations, water.....	25,085	2,864	27,949	19,432	3,028	22,460	30,349	3,815	34,164
42. Water storage tanks .....	5,016	1,167	6,183	5,415	1,241	6,656	6,062	1,218	7,280
<b>Dams and irrigation .....</b>	<b>152,145</b>	<b>11,138</b>	<b>163,283</b>	<b>154,384</b>	<b>11,277</b>	<b>165,661</b>	<b>163,413</b>	<b>12,289</b>	<b>175,702</b>
43. Dams and reservoirs .....	127,594	2,176	129,770	127,339	1,902	129,241	135,037	2,281	137,318
44. Irrigation and land reclamation projects .....	24,551	8,962	33,513	27,045	9,375	36,420	28,376	10,008	38,384
<b>Electric power construction .....</b>	<b>789,537</b>	<b>69,834</b>	<b>859,371</b>	<b>886,650</b>	<b>78,197</b>	<b>964,847</b>	<b>943,717</b>	<b>89,135</b>	<b>1,032,852</b>
45. Electric power generating plants, including water conveying and controlling structures .....	460,001	16,627	476,628	442,375	24,251	466,626	414,686	28,901	443,587
46. Electric transformer stations.....	38,480	5,732	44,212	75,589	5,760	81,349	72,204	6,619	78,823
47. Power transmission and distribution lines, trolley wires .....	268,421	40,419	308,840	352,379	42,287	394,666	438,567	47,526	486,093
48. Street lighting .....	22,635	7,056	29,691	16,307	5,899	22,206	18,260	6,089	24,349
<b>Railway, telephone and telegraph .....</b>	<b>335,695</b>	<b>179,736</b>	<b>515,431</b>	<b>320,427</b>	<b>173,220</b>	<b>493,647</b>	<b>349,123</b>	<b>183,321</b>	<b>532,444</b>
49. Railway tracks and roadbed.....	156,461	108,931	265,392	125,154	107,022	232,176	149,732	112,303	262,035
50. Signals and interlockers.....	10,790	12,109	22,899	9,852	12,494	22,346	14,407	12,936	27,343
51. Telegraph and telephone lines, underground and marine cables .....	168,444	58,696	227,140	185,421	53,704	239,125	184,984	58,082	243,066
<b>Gas and oil facilities .....</b>	<b>653,724</b>	<b>88,405</b>	<b>742,129</b>	<b>776,756</b>	<b>102,002</b>	<b>878,758</b>	<b>851,703</b>	<b>107,612</b>	<b>959,315</b>
52. Gas mains and services .....	48,206	5,298	53,504	77,177	6,529	83,706	93,988	7,152	101,140
53. Pumping stations, oil .....	6,614	190	6,804	7,543	2,138	9,681	6,630	2,242	8,872
54. Pumping stations, gas .....	9,007	1,781	10,788	29,284	704	29,988	22,045	1,056	23,101
55. Oil storage tanks.....	13,371	3,249	16,620	14,347	3,605	17,952	13,745	4,138	17,883
56. Gas storage tanks .....	3,090	100	3,190	2,633	113	2,746	4,688	149	4,837
57. Oil pipe lines.....	66,316	5,389	71,705	44,373	3,105	47,478	37,311	3,412	40,723
58. Gas pipe lines .....	69,466	3,055	72,521	116,557	3,043	119,600	73,341	3,199	76,540
59. Oil wells.....	198,757	17,654	216,411	243,335	27,870	271,205	301,100	30,819	331,919
60. Gas wells .....	93,875	7,145	101,020	83,625	9,051	92,676	92,558	8,657	101,215
61. Oil refinery—Processing units <sup>3</sup> .....	79,434	34,976	114,410	90,427	39,301	129,728	139,279	39,710	178,989
62. Natural gas cleaning plants.....	65,588	9,568	75,156	67,455	6,543	73,998	67,018	7,078	74,096
<b>Other engineering construction .....</b>	<b>591,669</b>	<b>85,754</b>	<b>677,423</b>	<b>560,827</b>	<b>104,461</b>	<b>665,288</b>	<b>528,757</b>	<b>88,862</b>	<b>617,619</b>
63. Bridges, trestles, culverts, overpasses, viaducts ....	166,192	26,714	192,906	200,940	29,148	230,088	212,423	31,864	244,287
64. Tunnels and subways .....	61,593	2,271	63,864	21,249	512	21,761	36,115	512	36,627
65. Incinerators .....	175	99	274	212	61	273	170	71	241
66. Park systems, landscaping, sodding, etc.....	17,878	5,199	23,077	12,480	5,685	18,165	12,505	5,548	18,053
67. Swimming pools, tennis courts, outdoor recreation facilities.....	6,934	1,050	7,984	4,098	1,524	5,622	5,972	1,830	7,802
68. Mine shafts and other below surface workings .....	159,809	5,850	165,659	147,399	7,663	155,062	95,600	6,840	102,440
69. Fences, snowsheds, signs, guard rails .....	33,667	14,298	47,965	32,872	12,119	44,991	32,587	12,064	44,651
70. Other engineering construction .....	145,421	30,273	175,694	141,577	47,749	189,326	133,385	30,133	163,518

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.



**TABLE 10. Total Value of Construction Work Performed - New and Repair by Type of Structure by Primary Industries, 1967-69<sup>1,2,3,4</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,068,774</b>	<b>196,663</b>	<b>1,265,437</b>	<b>1,052,460</b>	<b>204,359</b>	<b>1,256,819</b>	<b>1,066,701</b>	<b>208,956</b>	<b>1,275,657</b>
<b>Total building construction .....</b>	<b>326,834</b>	<b>97,941</b>	<b>424,775</b>	<b>321,781</b>	<b>97,565</b>	<b>419,346</b>	<b>322,817</b>	<b>98,902</b>	<b>421,719</b>
<b>Residential .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial .....</b>	<b>132,004</b>	<b>24,242</b>	<b>156,246</b>	<b>126,696</b>	<b>23,542</b>	<b>150,238</b>	<b>130,018</b>	<b>25,008</b>	<b>155,026</b>
2. Factories, plants, workshops, food canneries.....	17,313	2,670	19,983	15,248	3,354	18,602	31,367	3,818	35,185
3. Mine and mine mill buildings.....	114,687	21,564	136,251	111,414	20,141	131,555	98,581	21,123	119,704
4. Railway stations, offices, roadway buildings.....	-	7	7	8	39	47	50	59	109
5. Railway shops, engine houses, water and fuel stations.....	4	1	5	26	8	34	20	8	28
<b>Commercial .....</b>	<b>15,464</b>	<b>4,779</b>	<b>20,243</b>	<b>13,916</b>	<b>4,103</b>	<b>18,019</b>	<b>11,589</b>	<b>4,548</b>	<b>16,137</b>
6. Warehouses, storehouses, refrigerated storage, etc....	4,711	1,986	6,697	4,764	1,677	6,441	4,702	1,934	6,636
7. Grain elevators.....	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins.....	499	194	693	68	163	231	-	133	133
9. Office buildings.....	8,227	2,295	10,522	6,588	1,736	8,324	5,972	2,011	7,983
10. Stores, retail and wholesale.....	222	22	244	303	299	602	-	232	232
11. Garages and service stations.....	1,061	194	1,255	2,039	167	2,206	747	181	928
12. Theatres, arenas, amusement and recreational buildings.....	744	87	831	154	59	213	168	54	222
13. Laundries and dry cleaning establishments.....	-	1	1	-	2	2	-	3	3
<b>Institutional.....</b>	<b>171</b>	<b>54</b>	<b>225</b>	<b>93</b>	<b>80</b>	<b>173</b>	<b>223</b>	<b>94</b>	<b>317</b>
14. Schools and other educational buildings .....	110	3	113	-	55	55	-	47	47
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc.....	55	48	103	93	25	118	223	47	270
17. Other institutional buildings .....	6	3	9	-	-	-	-	-	-
<b>Other building construction.....</b>	<b>179,195</b>	<b>68,866</b>	<b>248,061</b>	<b>181,076</b>	<b>69,840</b>	<b>250,916</b>	<b>180,987</b>	<b>69,252</b>	<b>250,239</b>
18. Farm buildings (excluding dwellings).....	164,849	64,274	229,123	164,660	63,978	228,638	163,622	63,500	227,122
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	91	90	181	26	72	98	26	68	94
20. Aeroplane hangars.....	-	3	3	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air.....	21	20	41	6	25	31	18	20	38
22. Armouries, barracks, drill halls, etc.....	-	-	-	5	37	42	370	30	400
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps.....	9,849	4,077	13,926	6,514	3,606	10,120	6,483	3,605	10,088
24. Other building construction .....	4,385	402	4,787	9,865	2,122	11,987	10,468	2,029	12,497
<b>Total engineering construction .....</b>	<b>741,940</b>	<b>98,722</b>	<b>840,662</b>	<b>730,679</b>	<b>106,794</b>	<b>837,473</b>	<b>743,884</b>	<b>110,054</b>	<b>853,938</b>
<b>Marine construction .....</b>	<b>2,370</b>	<b>1,394</b>	<b>3,764</b>	<b>12,593</b>	<b>1,327</b>	<b>13,920</b>	<b>9,472</b>	<b>966</b>	<b>10,438</b>
25. Docks, wharves, piers, breakwaters.....	2,043	519	2,562	9,489	582	10,071	6,704	421	7,125
26. Retaining walls, embankments, riprapping.....	-	2	2	-	7	7	-	1	1
27. Canals and waterways.....	21	52	73	194	22	216	163	24	187
28. Dredging and pile driving.....	-	178	178	2,043	86	2,129	1,933	88	2,021
29. Dyke construction .....	-	2	2	234	10	244	150	18	168
30. Logging booms.....	183	433	616	277	405	682	136	245	381
31. Other marine construction.....	123	208	331	356	215	571	386	169	555

See footnotes at end of table.



**TABLE 10. Total Value of Construction Work Performed — New and Repair by Type of Structure by Primary Industries 1967 - 69<sup>1,2,3,4</sup> — Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>42, 537</b>	<b>18, 292</b>	<b>60, 829</b>	<b>50, 419</b>	<b>16, 718</b>	<b>67, 137</b>	<b>45, 793</b>	<b>18, 313</b>	<b>64, 106</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	811	193	1, 004	2, 519	284	2, 803	1, 513	415	1, 928
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	14, 076	5, 885	19, 961	18, 560	5, 510	24, 070	12, 414	5, 939	18, 353
34. Dirt, clay or other streets, roads, parking lots, etc. ....	26, 791	11, 885	38, 676	28, 605	10, 632	39, 237	31, 106	11, 660	42, 766
35. Grading, scraping, oiling, filling.....	413	307	720	708	225	933	726	248	974
36. Sidewalks, paths .....	444	—	444	9	1	10	23	2	25
37. Aerodromes, landing fields, runways, tarmac .....	2	22	24	18	66	84	11	49	60
<b>Waterworks and sewage systems .....</b>	<b>43, 494</b>	<b>15, 669</b>	<b>59, 163</b>	<b>41, 074</b>	<b>15, 501</b>	<b>56, 575</b>	<b>39, 716</b>	<b>15, 398</b>	<b>55, 114</b>
38. Tile drains, drainage ditches, storm sewers.....	17, 946	6, 927	24, 873	17, 945	6, 907	24, 852	17, 631	6, 852	24, 483
39. Water mains, hydrants and services.....	21, 063	7, 201	28, 264	19, 577	7, 180	26, 757	19, 059	7, 140	26, 199
40. Sewage systems and connections .....	425	184	609	427	79	506	357	72	429
41. Pumping stations, water .....	1, 183	368	1, 551	239	268	507	102	281	383
42. Water storage tanks .....	2, 877	989	3, 866	2, 886	1, 067	3, 953	2, 567	1, 053	3, 620
<b>Dams and irrigation .....</b>	<b>22, 902</b>	<b>8, 363</b>	<b>31, 265</b>	<b>24, 018</b>	<b>8, 411</b>	<b>32, 429</b>	<b>22, 738</b>	<b>8, 355</b>	<b>31, 093</b>
43. Dams and reservoirs .....	2, 616	453	3, 069	3, 753	540	4, 293	2, 600	539	3, 139
44. Irrigation and land reclamation projects.....	20, 286	7, 910	28, 196	20, 265	7, 871	28, 136	20, 138	7, 816	27, 954
<b>Electric power construction .....</b>	<b>10, 407</b>	<b>1, 712</b>	<b>12, 119</b>	<b>5, 723</b>	<b>1, 161</b>	<b>6, 884</b>	<b>4, 355</b>	<b>1, 155</b>	<b>5, 510</b>
45. Electric power generating plants, including water conveying and controlling structures.....	2, 722	416	3, 138	897	128	1, 025	616	116	732
46. Electric transformer stations.....	2, 809	351	3, 160	1, 082	259	1, 341	786	269	1, 055
47. Power transmission and distribution lines, trolley wires .....	4, 854	888	5, 742	3, 726	728	4, 454	2, 947	725	3, 672
48. Street lighting.....	22	57	79	18	46	64	6	45	51
<b>Railway, telephone and telegraph .....</b>	<b>1, 085</b>	<b>2, 145</b>	<b>3, 230</b>	<b>2, 164</b>	<b>1, 908</b>	<b>4, 072</b>	<b>1, 701</b>	<b>1, 865</b>	<b>3, 566</b>
49. Railway tracks and roadbed .....	1, 065	1, 879	2, 944	1, 889	1, 772	3, 661	1, 573	1, 719	3, 292
50. Signals and interlockers.....	4	169	173	1	85	86	—	72	72
51. Telegraph and telephone lines, underground and marine cables .....	16	97	113	274	51	325	128	74	202
<b>Gas and oil facilities.....</b>	<b>357, 332</b>	<b>34, 054</b>	<b>391, 386</b>	<b>393, 774</b>	<b>43, 427</b>	<b>437, 201</b>	<b>459, 764</b>	<b>46, 522</b>	<b>506, 286</b>
52. Gas mains and services .....	49	—	49	21	5	26	—	15	15
53. Pumping stations, oil .....	6	17	23	—	8	8	—	6	6
54. Pumping stations, gas.....	12	—	12	—	—	—	—	—	—
55. Oil storage tanks .....	454	1	455	—	3	3	—	3	3
56. Gas storage tanks .....	6	—	6	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	198, 757	17, 654	216, 411	243, 335	27, 870	271, 205	301, 100	30, 819	331, 919
60. Gas wells .....	93, 143	6, 992	100, 135	83, 176	9, 026	92, 202	92, 114	8, 632	100, 746
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants.....	64, 905	9, 390	74, 295	67, 242	6, 515	73, 757	66, 550	7, 047	73, 597
<b>Other engineering construction .....</b>	<b>261, 813</b>	<b>17, 093</b>	<b>278, 906</b>	<b>200, 914</b>	<b>18, 341</b>	<b>219, 255</b>	<b>160, 345</b>	<b>17, 480</b>	<b>177, 825</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1, 088	405	1, 493	623	271	894	844	289	1, 133
64. Tunnels and subways .....	4, 448	70	4, 518	1, 280	1	1, 281	3, 288	1	3, 289
65. Incinerators.....	11	—	11	22	—	22	12	—	12
66. Park systems, landscaping, sodding, etc.....	45	35	80	32	20	52	104	17	121
67. Swimming pools, tennis courts, outdoor recreation facilities....	323	43	366	—	63	63	3	60	63
68. Mine shafts and other below surface workings .....	159, 809	5, 850	165, 659	147, 399	7, 663	155, 062	95, 600	6, 840	102, 440
69. Fences, snowsheds, signs, guard rails .....	25, 427	9, 917	35, 344	25, 758	9, 878	35, 636	25, 338	9, 799	35, 137
70. Other engineering construction .....	70, 662	773	71, 435	25, 800	445	26, 245	35, 156	474	35, 630

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> Primary Industries include agriculture, fishing, mining, quarrying and oil wells, forestry and the construction industry. See also footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.

**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1967 - 69<sup>1,2,3</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>677, 149</b>	<b>180, 206</b>	<b>857, 355</b>	<b>583, 135</b>	<b>178, 204</b>	<b>761, 339</b>	<b>619, 211</b>	<b>194, 647</b>	<b>813, 858</b>
<b>Total building construction .....</b>	<b>528, 303</b>	<b>131, 971</b>	<b>660, 274</b>	<b>415, 934</b>	<b>125, 894</b>	<b>541, 828</b>	<b>444, 590</b>	<b>138, 754</b>	<b>583, 344</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>483, 357</b>	<b>126, 121</b>	<b>609, 478</b>	<b>367, 022</b>	<b>120, 722</b>	<b>487, 744</b>	<b>406, 454</b>	<b>133, 586</b>	<b>540, 040</b>
2. Factories, plants, workshops, food canneries .....	482, 881	126, 118	608, 999	361, 428	120, 602	482, 030	405, 196	133, 438	538, 634
3. Mine and mine mill buildings .....	402	—	402	5, 591	99	5, 690	966	126	1, 092
4. Railway stations, offices, roadway buildings .....	54	—	54	3	21	24	102	22	124
5. Railway shops, engine houses, water and fuel stations .....	20	3	23	—	—	—	190	—	190
<b>Commercial .....</b>	<b>40, 520</b>	<b>4, 995</b>	<b>45, 515</b>	<b>46, 999</b>	<b>4, 099</b>	<b>51, 098</b>	<b>34, 256</b>	<b>4, 113</b>	<b>38, 369</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	19, 523	1, 460	20, 983	24, 637	1, 046	25, 683	16, 234	1, 268	17, 502
7. Grain elevators .....	107	35	142	52	26	78	102	30	132
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	221	71	292	35	50	85	59	54	113
9. Office buildings .....	15, 121	2, 861	17, 982	13, 801	2, 748	16, 549	11, 289	2, 533	13, 822
10. Stores, retail and wholesale .....	1, 707	372	2, 079	890	64	954	155	62	217
11. Garages and service stations .....	3, 677	183	3, 860	7, 575	140	7, 715	6, 385	145	6, 530
12. Theatres, arenas, amusement and recreational buildings .....	164	13	177	9	25	34	32	21	53
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>2</b>	<b>31</b>	<b>33</b>	<b>—</b>	<b>25</b>	<b>25</b>	<b>—</b>	<b>13</b>	<b>13</b>
14. Schools and other educational buildings .....	—	2	2	—	3	3	—	3	3
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2	29	31	—	22	22	—	10	10
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>4, 424</b>	<b>824</b>	<b>5, 248</b>	<b>1, 913</b>	<b>1, 048</b>	<b>2, 961</b>	<b>3, 880</b>	<b>1, 042</b>	<b>4, 922</b>
18. Farm buildings (excluding dwellings) .....	93	78	171	427	112	539	440	98	538
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	970	9	979	—	6	6	—	—	—
20. Aeroplane hangars .....	199	296	495	30	249	279	516	261	777
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3, 060	408	3, 468	917	338	1, 255	2, 468	334	2, 802
24. Other building construction .....	102	33	135	539	343	882	456	349	805
<b>Total engineering construction .....</b>	<b>148, 846</b>	<b>48, 235</b>	<b>197, 081</b>	<b>167, 201</b>	<b>52, 310</b>	<b>219, 511</b>	<b>174, 621</b>	<b>55, 893</b>	<b>230, 514</b>
<b>Marine construction .....</b>	<b>9, 385</b>	<b>1, 424</b>	<b>10, 809</b>	<b>2, 084</b>	<b>1, 464</b>	<b>3, 548</b>	<b>1, 492</b>	<b>1, 551</b>	<b>3, 043</b>
25. Docks, wharves, piers, breakwaters .....	8, 386	812	9, 198	1, 532	680	2, 212	922	795	1, 717
26. Retaining walls, embankments, riprapping .....	9	7	16	221	4	225	100	10	110
27. Canals and waterways .....	1	27	28	—	1	1	—	2	2
28. Dredging and pile driving .....	55	410	465	64	498	562	36	514	550
29. Dyke construction .....	421	35	456	119	17	136	10	10	20
30. Logging booms .....	415	115	530	30	213	243	21	217	238
31. Other marine construction .....	98	18	116	118	51	169	403	3	406

See footnotes at end of table.



**TABLE 11. Total Value of Construction work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1967-69<sup>1,2,3</sup> — Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>6,485</b>	<b>2,766</b>	<b>9,251</b>	<b>7,546</b>	<b>2,685</b>	<b>10,231</b>	<b>8,074</b>	<b>2,843</b>	<b>10,917</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,519	1,344	4,863	2,481	1,133	3,614	1,384	1,343	2,727
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	849	861	1,710	1,012	546	1,558	1,729	567	2,296
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,605	478	2,083	3,703	911	4,614	4,897	825	5,722
35. Grading, scraping, oiling, filling .....	461	55	516	324	77	401	50	66	116
36. Sidewalks, paths .....	43	28	71	12	18	30	10	32	42
37. Aerodromes, landing fields, runways, tarmac .....	8	—	8	14	—	14	4	10	14
<b>Waterworks and sewage systems .....</b>	<b>15,554</b>	<b>1,592</b>	<b>17,146</b>	<b>12,805</b>	<b>1,581</b>	<b>14,386</b>	<b>7,520</b>	<b>1,806</b>	<b>9,326</b>
38. Tile drains, drainage ditches, storm sewers .....	1,442	75	1,517	490	69	559	753	81	834
39. Water mains, hydrants and services .....	3,608	563	4,171	2,985	653	3,638	676	700	1,376
40. Sewage systems and connections .....	4,769	411	5,180	6,130	403	6,533	4,854	448	5,302
41. Pumping stations, water .....	5,148	463	5,611	3,152	391	3,543	1,125	527	1,652
42. Water storage tanks .....	587	80	667	48	65	113	112	50	162
<b>Dams and irrigation .....</b>	<b>115</b>	<b>41</b>	<b>156</b>	<b>624</b>	<b>85</b>	<b>709</b>	<b>375</b>	<b>86</b>	<b>461</b>
43. Dams and reservoirs .....	115	41	156	624	85	709	375	86	461
44. Irrigation and land reclamation projects <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>7,961</b>	<b>1,000</b>	<b>8,961</b>	<b>5,392</b>	<b>1,933</b>	<b>7,325</b>	<b>3,114</b>	<b>2,044</b>	<b>5,158</b>
45. Electric power generating plants, including water conveying and controlling structures .....	951	443	1,394	2,258	922	3,180	1,598	1,075	2,673
46. Electric transformer stations .....	3,173	112	3,285	1,740	223	1,963	956	299	1,255
47. Power transmission and distribution lines, trolley wires .....	3,613	313	3,926	1,312	608	1,920	513	568	1,081
48. Street lighting .....	224	132	356	82	180	262	47	102	149
<b>Railway, telephone and telegraph .....</b>	<b>9,304</b>	<b>888</b>	<b>10,192</b>	<b>5,212</b>	<b>658</b>	<b>5,870</b>	<b>319</b>	<b>586</b>	<b>905</b>
49. Railway tracks and roadbed .....	9,174	823	9,997	5,185	598	5,783	311	528	839
50. Signals and interlockers .....	58	—	58	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	72	65	137	27	60	87	8	58	66
<b>Gas and oil facilities .....</b>	<b>85,902</b>	<b>36,716</b>	<b>122,618</b>	<b>96,832</b>	<b>41,129</b>	<b>137,961</b>	<b>144,493</b>	<b>42,056</b>	<b>186,549</b>
52. Gas mains and services .....	110	22	132	45	19	64	156	24	180
53. Pumping stations, oil .....	84	53	137	22	14	36	—	15	15
54. Pumping stations, gas .....	69	—	69	11	—	11	—	—	—
55. Oil storage tanks .....	5,261	1,536	6,797	5,779	1,673	7,452	3,908	2,161	6,069
56. Gas storage tanks .....	48	—	48	127	5	132	618	5	623
57. Oil pipe lines .....	834	74	908	150	58	208	218	64	282
58. Gas pipe lines .....	62	55	117	271	59	330	314	77	391
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>3</sup> .....	79,434	34,976	114,410	90,427	39,301	129,728	139,279	39,710	178,989
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>14,140</b>	<b>3,808</b>	<b>17,948</b>	<b>36,706</b>	<b>2,775</b>	<b>39,481</b>	<b>9,234</b>	<b>4,921</b>	<b>14,155</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	129	103	232	533	47	580	2,055	36	2,091
64. Tunnels and subways .....	—	3	3	—	—	—	—	—	—
65. Incinerators .....	72	14	86	52	14	66	103	18	121
66. Park systems, landscaping, sodding, etc. ....	125	218	343	63	170	233	30	171	201
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	8	8	—	11	11	—	9	9
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,055	125	1,180	229	82	311	145	86	231
70. Other engineering construction .....	12,759	3,337	16,096	35,829	2,451	38,280	6,901	4,601	11,502

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> Included in "Other engineering construction".

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



TABLE 12. Total Value of Construction Work Performed -- New and Repair by Type of Structure by Utilities, 1967-69<sup>1</sup>

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,747,088</b>	<b>347,340</b>	<b>2,094,428</b>	<b>1,855,988</b>	<b>339,092</b>	<b>2,195,080</b>	<b>1,976,842</b>	<b>365,506</b>	<b>2,342,348</b>
<b>Total building construction .....</b>	<b>150,638</b>	<b>46,809</b>	<b>197,447</b>	<b>160,251</b>	<b>38,724</b>	<b>198,975</b>	<b>197,379</b>	<b>38,457</b>	<b>235,836</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>23,813</b>	<b>23,408</b>	<b>47,221</b>	<b>21,910</b>	<b>19,434</b>	<b>41,344</b>	<b>20,791</b>	<b>20,360</b>	<b>41,151</b>
2. Factories, plants, workshops, food canneries ....	4,257	2,701	6,958	9,398	1,519	10,917	2,784	1,538	4,322
3. Mine and mine mill buildings .....	8	1	9	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	13,983	13,868	27,851	6,873	11,230	18,103	9,411	11,833	21,244
5. Railway shops, engine houses, water and fuel stations .....	5,565	6,838	12,403	5,639	6,685	12,324	8,596	6,989	15,585
<b>Commercial .....</b>	<b>76,367</b>	<b>17,755</b>	<b>94,122</b>	<b>76,530</b>	<b>14,145</b>	<b>90,675</b>	<b>62,134</b>	<b>13,018</b>	<b>75,152</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	21,046	4,682	25,728	23,689	4,584	28,273	21,100	4,706	25,806
7. Grain elevators .....	36,735	9,059	45,794	21,083	5,941	27,024	9,501	4,969	14,470
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	30	201	231	595	7	602	80	6	86
9. Office buildings .....	11,562	2,201	13,763	21,174	2,521	23,695	20,142	2,025	22,167
10. Stores, retail and wholesale .....	2	—	2	779	39	818	1,404	84	1,488
11. Garages and service stations .....	6,992	1,568	8,560	9,210	1,000	10,210	8,830	1,164	9,994
12. Theatres, arenas, amusement and recreational buildings .....	—	44	44	—	53	53	1,077	64	1,141
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>43</b>	<b>28</b>	<b>71</b>	<b>—</b>	<b>29</b>	<b>29</b>	<b>—</b>	<b>34</b>	<b>34</b>
14. Schools and other educational buildings .....	43	7	50	—	11	11	—	14	14
15. Churches and other religious buildings .....	—	1	1	—	1	1	—	2	2
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	20	20	—	17	17	—	18	18
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>50,415</b>	<b>5,618</b>	<b>56,033</b>	<b>61,811</b>	<b>5,116</b>	<b>66,927</b>	<b>114,454</b>	<b>5,045</b>	<b>119,499</b>
18. Farm buildings (excluding dwellings) .....	56	—	56	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	31,721	3,144	34,865	37,930	3,688	41,618	54,015	3,716	57,731
20. Aeroplane hangars .....	1,598	452	2,050	10,314	110	10,424	14,748	97	14,845
21. Passenger terminals, bus, boat or air .....	10,491	1,509	12,000	3,702	596	4,298	12,422	618	13,040
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,955	109	5,064	7,953	240	8,193	3,702	98	3,800
24. Other building construction .....	1,594	404	1,998	1,912	482	2,394	29,567	516	30,083
<b>Total engineering construction .....</b>	<b>1,596,450</b>	<b>300,531</b>	<b>1,896,981</b>	<b>1,695,737</b>	<b>300,368</b>	<b>1,996,105</b>	<b>1,779,463</b>	<b>327,049</b>	<b>2,106,512</b>
<b>Marine construction .....</b>	<b>28,955</b>	<b>8,364</b>	<b>37,319</b>	<b>31,608</b>	<b>6,122</b>	<b>37,730</b>	<b>48,604</b>	<b>7,197</b>	<b>55,801</b>
25. Docks, wharves, piers, breakwaters .....	13,113	4,590	17,703	10,465	2,936	13,401	16,162	3,107	19,269
26. Retaining walls, embankments, riprapping .....	2,548	20	2,568	24	4	28	2,021	61	2,082
27. Canals and waterways .....	11,982	1,825	13,807	17,574	2,411	19,985	24,994	3,194	28,188
28. Dredging and pile driving .....	538	1,847	2,385	219	621	840	325	744	1,069
29. Dyke construction .....	610	—	610	5	—	5	45	9	54
30. Logging booms .....	—	—	—	—	65	65	—	—	—
31. Other marine construction .....	164	82	246	3,321	85	3,406	5,057	82	5,139

See footnote at end of table.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1967-69<sup>1</sup>—Concluded

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>21,729</b>	<b>978</b>	<b>22,707</b>	<b>12,687</b>	<b>510</b>	<b>13,197</b>	<b>11,133</b>	<b>880</b>	<b>12,013</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	16,474	449	16,923	4,789	359	5,148	5,126	447	5,573
33. Gravel or stone streets, highways, roads, parking lots, etc.	4,245	390	4,635	6,705	117	6,822	5,420	401	5,821
34. Dirt, clay or other streets, roads, parking lots, etc. ....	218	55	273	232	—	232	258	4	262
35. Grading, scraping, oiling, filling.....	509	63	572	86	17	103	18	11	29
36. Sidewalks, paths .....	46	20	66	—	2	2	—	2	2
37. Aerodromes, landing fields, runways, tarmac .....	237	1	238	875	15	890	311	15	326
<b>Waterworks and sewage systems .....</b>	<b>97,709</b>	<b>23,509</b>	<b>121,218</b>	<b>97,272</b>	<b>24,958</b>	<b>122,230</b>	<b>124,294</b>	<b>27,564</b>	<b>151,858</b>
38. Tile drains, drainage ditches, storm sewers .....	1,232	61	1,293	1,533	51	1,584	1,333	72	1,405
39. Water mains, hydrants and services .....	74,372	21,069	95,441	69,232	22,131	91,363	80,605	24,050	104,655
40. Sewage systems and connections .....	2,444	265	2,709	8,372	309	8,681	10,074	328	10,402
41. Pumping stations, water .....	18,139	2,017	20,156	15,659	2,359	18,018	28,899	3,000	31,899
42. Water storage tanks .....	1,522	97	1,619	2,476	108	2,584	3,383	114	3,497
<b>Dams and irrigation .....</b>	<b>107,627</b>	<b>672</b>	<b>108,299</b>	<b>94,117</b>	<b>707</b>	<b>94,824</b>	<b>101,013</b>	<b>724</b>	<b>101,737</b>
43. Dams and reservoirs .....	107,220	672	107,892	93,917	707	94,624	100,968	724	101,692
44. Irrigation and land reclamation projects .....	407	—	407	200	—	200	45	—	45
<b>Electric power construction .....</b>	<b>737,030</b>	<b>60,631</b>	<b>797,661</b>	<b>808,320</b>	<b>71,021</b>	<b>879,341</b>	<b>834,463</b>	<b>81,701</b>	<b>916,164</b>
45. Electric power generating plants, including water conveying and controlling structures.....	441,616	14,423	456,039	413,280	22,416	435,696	384,870	26,833	411,703
46. Electric transformer stations .....	32,340	5,192	37,532	72,178	5,229	77,407	70,071	5,994	76,065
47. Power transmission and distribution lines, trolley wires.....	250,924	38,251	289,175	314,570	40,353	354,923	368,900	45,533	414,433
48. Street lighting.....	12,150	2,765	14,915	8,292	3,023	11,315	10,622	3,341	13,963
<b>Railway, telephone and telegraph .....</b>	<b>311,202</b>	<b>176,601</b>	<b>487,803</b>	<b>301,166</b>	<b>170,615</b>	<b>471,781</b>	<b>334,960</b>	<b>180,829</b>	<b>515,789</b>
49. Railway tracks and roadbed .....	134,359	106,220	240,579	106,295	104,647	210,942	135,804	110,052	245,856
50. Signals and interlockers .....	10,728	11,940	22,668	9,851	12,409	22,260	14,407	12,864	27,271
51. Telegraph and telephone lines, underground and marine cables	166,115	58,441	224,556	185,020	53,559	238,579	184,749	57,913	242,662
<b>Gas and oil facilities.....</b>	<b>203,187</b>	<b>15,886</b>	<b>219,073</b>	<b>279,576</b>	<b>15,640</b>	<b>295,216</b>	<b>234,887</b>	<b>17,054</b>	<b>251,941</b>
52. Gas mains and services .....	47,934	5,273	53,207	76,510	6,505	83,015	93,832	7,113	100,945
53. Pumping stations, oil .....	6,524	120	6,644	7,082	1,900	8,982	6,145	1,982	8,127
54. Pumping stations, gas.....	8,925	1,781	10,706	29,217	704	29,921	21,991	1,056	23,047
55. Oil storage tanks .....	1,621	33	1,654	3,608	346	3,954	976	235	1,211
56. Gas storage tanks .....	1,933	37	1,970	2,233	101	2,334	1,020	142	1,162
57. Oil pipe lines .....	65,437	5,311	70,748	43,978	3,047	47,025	36,993	3,348	40,341
58. Gas pipe lines .....	69,398	3,000	72,398	116,286	2,984	119,270	73,018	3,122	76,140
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	732	153	885	449	25	474	444	25	469
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	683	178	861	213	28	241	468	31	499
<b>Other engineering construction .....</b>	<b>89,011</b>	<b>13,890</b>	<b>102,901</b>	<b>70,991</b>	<b>10,795</b>	<b>81,786</b>	<b>90,109</b>	<b>11,100</b>	<b>101,209</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	31,680	9,080	40,760	23,778	8,006	31,784	14,616	8,262	22,878
64. Tunnels and subways .....	37,117	1,434	38,551	14,482	481	14,963	28,136	481	28,617
65. Incinerators.....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	311	49	360	27	89	116	773	98	871
67. Swimming pools, tennis courts, outdoor recreation facilities....	88	9	97	5	12	17	—	18	18
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,992	2,090	4,082	1,055	1,544	2,599	1,497	1,590	3,087
70. Other engineering construction .....	17,823	1,228	19,051	31,644	663	32,307	45,087	651	45,738

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

**TABLE 13. Total Value of Construction Work Performed - New and Repair by Type of Structure by Trade Finance and Commercial Services, 1967-69<sup>1,2</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>764,533</b>	<b>115,699</b>	<b>880,232</b>	<b>707,705</b>	<b>108,425</b>	<b>816,130</b>	<b>850,893</b>	<b>107,202</b>	<b>958,095</b>
<b>Total building construction .....</b>	<b>731,539</b>	<b>111,625</b>	<b>843,164</b>	<b>687,193</b>	<b>104,041</b>	<b>791,234</b>	<b>829,199</b>	<b>103,197</b>	<b>932,396</b>
<b>Residential .....</b>	-	-	-	-	-	-	-	-	-
<b>Industrial .....</b>	<b>20,327</b>	<b>668</b>	<b>20,995</b>	<b>19,643</b>	<b>1,496</b>	<b>21,139</b>	<b>15,591</b>	<b>1,934</b>	<b>17,525</b>
2. Factories, plants, work shops, food canneries .....	20,327	668	20,995	18,815	1,496	20,311	15,591	1,934	17,525
3. Mine and mine mill buildings .....	-	-	-	3	-	3	-	-	-
4. Railway stations, offices, roadway buildings .....	-	-	-	825	-	825	-	-	-
5. Railway shops, engine houses, water and fuel stations.....	-	-	-	-	-	-	-	-	-
<b>Commercial .....</b>	<b>698,478</b>	<b>110,728</b>	<b>809,206</b>	<b>660,592</b>	<b>102,341</b>	<b>762,933</b>	<b>807,369</b>	<b>101,068</b>	<b>908,437</b>
6. Warehouses, storehouses, refrigerated storage, etc .....	47,037	4,690	51,727	56,628	6,605	63,233	48,569	6,569	55,138
7. Grain elevators .....	90	-	90	29	-	29	177	6	183
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	76,031	14,237	90,268	53,157	13,994	67,151	82,758	13,764	96,522
9. Office buildings .....	258,297	22,825	281,122	254,847	22,854	277,701	300,725	21,593	322,318
10. Stores, retail and wholesale .....	212,565	49,759	262,324	208,929	36,057	244,986	264,881	38,589	303,470
11. Garages and service stations .....	49,727	13,564	63,291	51,512	14,686	66,198	71,054	15,830	86,884
12. Theatres, arenas, amusement and recreational buildings.....	53,057	4,208	57,265	32,172	6,750	38,922	37,905	3,420	41,325
13. Laundries and dry cleaning establishments.....	1,674	1,445	3,119	3,318	1,395	4,713	1,300	1,297	2,597
<b>Institutional .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>960</b>	<b>-</b>	<b>960</b>	<b>-</b>	<b>-</b>	<b>-</b>
14. Schools and other educational buildings.....	-	-	-	-	-	-	-	-	-
15. Churches and other religious buildings.....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	-	-	960	-	960	-	-	-
17. Other institutional buildings.....	-	-	-	-	-	-	-	-	-
<b>Other building construction .....</b>	<b>12,734</b>	<b>229</b>	<b>12,963</b>	<b>5,998</b>	<b>204</b>	<b>6,202</b>	<b>6,239</b>	<b>195</b>	<b>6,434</b>
18. Farm buildings (excluding dwellings).....	237	-	237	266	9	275	209	1	210
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges.....	-	-	-	-	-	-	-	-	-
20. Aeroplane hangars .....	-	12	12	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air.....	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. ....	-	-	-	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	469	-	469	-	-	-	609	-	609
24. Other building construction.....	12,028	217	12,245	5,732	195	5,927	5,421	194	5,615
<b>Total engineering construction .....</b>	<b>32,994</b>	<b>4,074</b>	<b>37,068</b>	<b>20,512</b>	<b>4,384</b>	<b>24,896</b>	<b>21,694</b>	<b>4,005</b>	<b>25,699</b>
<b>Marine construction.....</b>	<b>683</b>	<b>113</b>	<b>796</b>	<b>262</b>	<b>38</b>	<b>300</b>	<b>559</b>	<b>8</b>	<b>567</b>
25. Docks, wharves, piers, breakwaters .....	575	113	688	250	38	288	559	8	567
26. Retaining walls, embankments, riprapping .....	4	-	4	-	-	-	-	-	-
27. Canals and waterways .....	-	-	-	-	-	-	-	-	-
28. Dredging and pile driving .....	103	-	103	-	-	-	-	-	-
29. Dyke construction.....	-	-	-	-	-	-	-	-	-
30. Logging booms .....	-	-	-	-	-	-	-	-	-
31. Other marine construction .....	1	-	1	12	-	12	-	-	-

See footnotes at end of table.



**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1967-69<sup>1,2</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>7,268</b>	<b>810</b>	<b>8,078</b>	<b>4,846</b>	<b>685</b>	<b>5,531</b>	<b>4,913</b>	<b>682</b>	<b>5,595</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	5,628	754	6,382	3,817	634	4,451	3,837	629	4,466
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,034	42	1,076	224	41	265	197	38	235
34. Dirt, clay or other streets, roads, parking lots, etc. ....	—	—	—	9	—	9	12	4	16
35. Grading, scraping, oiling, filling .....	554	14	568	750	10	760	785	11	796
36. Sidewalks, paths .....	52	—	52	46	—	46	82	—	82
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems</b> .....	<b>4,654</b>	<b>23</b>	<b>4,677</b>	<b>5,829</b>	<b>10</b>	<b>5,839</b>	<b>1,952</b>	<b>24</b>	<b>1,976</b>
38. Tile drains, drainage ditches, storm sewers .....	1,274	15	1,289	2,031	5	2,036	541	16	557
39. Water mains, hydrants and services .....	1,118	—	1,118	1,743	—	1,743	840	2	842
40. Sewage systems and connections .....	2,133	7	2,140	2,014	5	2,019	571	6	577
41. Pumping stations, water .....	123	1	124	36	—	36	—	—	—
42. Water storage tanks .....	6	—	6	5	—	5	—	—	—
<b>Dams and irrigation</b> .....	<b>24</b>	<b>—</b>	<b>24</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	24	—	24	—	—	—	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction</b> .....	<b>1,663</b>	<b>2</b>	<b>1,665</b>	<b>567</b>	<b>1</b>	<b>568</b>	<b>329</b>	<b>32</b>	<b>361</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	37	—	37	200	—	200
46. Electric transformer stations .....	—	—	—	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires .....	1,464	—	1,464	177	—	177	70	—	70
48. Street lighting .....	199	2	201	353	1	354	59	32	91
<b>Railway, telephone and telegraph</b> .....	<b>798</b>	<b>—</b>	<b>798</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>13</b>	<b>—</b>	<b>13</b>
49. Railway tracks and roadbed .....	788	—	788	—	—	—	13	—	13
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	10	—	10	—	—	—	—	—	—
<b>Gas and oil facilities</b> .....	<b>7,085</b>	<b>768</b>	<b>7,853</b>	<b>5,799</b>	<b>1,159</b>	<b>6,958</b>	<b>12,392</b>	<b>1,300</b>	<b>13,692</b>
52. Gas main and services .....	112	3	115	1	—	1	—	—	—
53. Pumping stations, oil .....	—	—	—	439	216	655	485	239	724
54. Pumping stations, gas .....	1	—	1	56	—	56	54	—	54
55. Oil storage tanks .....	5,818	699	6,517	4,785	937	5,722	8,694	1,060	9,754
56. Gas storage tanks .....	1,103	62	1,165	273	6	279	3,050	1	3,051
57. Oil pipe lines .....	45	4	49	245	—	245	100	—	100
58. Gas pipe lines .....	6	—	6	—	—	—	9	—	9
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction</b> .....	<b>10,819</b>	<b>2,358</b>	<b>13,177</b>	<b>3,209</b>	<b>2,491</b>	<b>5,700</b>	<b>1,536</b>	<b>1,959</b>	<b>3,495</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	364	—	364	30	—	30	100	—	100
64. Tunnels and subways .....	135	—	135	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	2,294	10	2,304	229	—	229	181	—	181
67. Swimming pools, tennis courts, outdoor recreation facilities....	4,003	365	4,368	15	500	515	15	504	519
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	319	15	334	254	33	287	283	30	313
70. Other engineering construction .....	3,704	1,968	5,672	2,681	1,958	4,639	957	1,425	2,382

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> Included in "Other engineering construction".

**TABLE 14. Total Value of Construction Work Performed - New and Repair by Type of Structure by Federal Government Departments, 1967-69<sup>1</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>331,824</b>	<b>91,435</b>	<b>423,259</b>	<b>370,078</b>	<b>55,941</b>	<b>426,019</b>	<b>403,486</b>	<b>62,510</b>	<b>465,996</b>
<b>Total building construction .....</b>	<b>155,537</b>	<b>55,115</b>	<b>210,652</b>	<b>163,933</b>	<b>33,788</b>	<b>197,721</b>	<b>162,099</b>	<b>37,492</b>	<b>199,591</b>
2. Factories, plants, workshops, food canneries .....	22,335	8,928	31,263	24,474	5,429	29,903	23,752	5,980	29,732
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,080	4,330	6,410	1,844	2,735	4,579	1,786	3,048	4,834
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,710	1,589	3,299	1,564	973	2,537	1,610	1,058	2,668
9. Office buildings .....	62,906	14,624	77,530	73,082	9,264	82,346	72,018	10,417	82,435
10. Stores, retail and wholesale .....	53	307	360	57	163	220	57	181	238
11. Garages and service stations .....	1,760	690	2,450	1,795	403	2,198	1,816	464	2,280
12. Theatres, arenas, amusement and recreational buildings .....	4,207	1,172	5,379	3,875	729	4,604	3,840	786	4,626
14. Schools and other educational buildings .....	14,902	2,281	17,183	13,429	1,440	14,869	13,136	1,785	14,921
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,977	2,374	8,351	6,264	1,414	7,678	6,617	1,617	8,234
17. Other institutional buildings .....	9,268	411	9,679	8,851	225	9,076	9,053	237	9,290
18. Farm buildings (excluding dwellings) .....	5,259	293	5,552	6,058	165	6,223	6,055	186	6,241
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,953	451	2,404	2,099	243	2,342	2,191	264	2,455
20. Aeroplane hangars .....	684	2,285	2,969	629	1,290	1,919	626	1,351	1,977
21. Passenger terminals, bus, boat or air .....	11,138	108	11,246	9,091	69	9,160	8,716	70	8,786
22. Armouries, barracks, drill halls, etc. ....	4,322	8,663	12,985	4,087	5,154	9,241	4,152	5,587	9,739
24. Other building construction .....	6,983	6,609	13,592	6,734	4,092	10,826	6,674	4,461	11,135
<b>Total engineering construction .....</b>	<b>176,287</b>	<b>36,320</b>	<b>212,607</b>	<b>206,145</b>	<b>22,153</b>	<b>228,298</b>	<b>241,387</b>	<b>25,018</b>	<b>266,405</b>
25. Docks, wharves, piers, breakwaters .....	40,319	3,588	43,907	39,925	2,637	42,562	39,831	2,657	42,488
26. Retaining walls, embankments, riprapping .....	973	410	1,383	1,347	235	1,582	1,543	241	1,784
27. Canals and waterways .....	1,780	381	2,161	2,146	250	2,396	2,118	264	2,382
28. Dredging and pile driving .....	8,598	17	8,615	10,480	12	10,492	11,573	14	11,587
29. Dyke construction .....	1,481	200	1,681	1,277	116	1,393	1,329	125	1,454
31. Other marine construction .....	3,892	4,808	8,700	4,238	3,024	7,262	4,343	3,654	7,997
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	9,454	4,093	13,547	9,664	2,443	12,107	9,916	2,587	12,503
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	21,426	3,258	24,684	17,061	2,300	19,361	15,961	3,276	19,237
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,913	474	3,387	2,337	255	2,592	2,033	269	2,302
35. Grading, scraping, oiling, filling .....	97	231	328	87	130	217	96	135	231
37. Aerodromes, landing fields, runways, tarmac .....	12,056	1,189	13,245	9,810	674	10,484	9,102	741	9,843
38. Tile drains, drainage ditches, storm sewers .....	436	479	915	471	274	745	488	295	783
39. Water mains, hydrants and services .....	2,534	1,397	3,931	2,476	774	3,250	2,502	861	3,363
40. Sewage systems and connections .....	3,449	1,063	4,512	3,739	634	4,373	3,820	689	4,509
43. Dams and reservoirs .....	14,990	1,009	15,999	12,914	451	13,365	13,290	499	13,789
44. Irrigation and land reclamation projects .....	782	811	1,593	815	378	1,193	910	422	1,332
45. Electric power generating plants, including water conveying and controlling structures .....	14,135	1,334	15,469	25,449	775	26,224	27,090	833	27,923
46. Electric transformer stations .....	136	70	206	201	49	250	137	57	194
47. Power transmission and distribution lines, trolley wires .....	7,291	967	8,258	31,711	564	32,275	65,290	646	65,936
55. Oil storage tanks .....	217	980	1,197	175	646	821	167	679	846
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,813	677	11,490	10,411	439	10,850	10,556	511	11,067
66. Park systems, landscaping, sodding, etc. ....	5,019	2,814	7,833	4,550	1,699	6,249	4,577	1,877	6,454
67. Swimming pools, tennis courts, outdoor recreation facilities .....	971	477	1,448	880	262	1,142	911	286	1,197
69. Fences, snowsheds, signs, guard rails .....	978	701	1,679	1,064	432	1,496	1,171	469	1,640
70. Other engineering construction .....	11,547	4,892	16,439	12,917	2,700	15,617	12,633	2,931	15,564

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

**TABLE 15. Total Value of Construction Work Performed — New and Repair by Type of Structure by Provincial Government Departments, 1967 - 69<sup>1</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>864,862</b>	<b>264,291</b>	<b>1,129,153</b>	<b>877,856</b>	<b>236,938</b>	<b>1,114,794</b>	<b>919,100</b>	<b>251,841</b>	<b>1,170,941</b>
<b>Total building construction .....</b>	<b>97,358</b>	<b>32,182</b>	<b>129,540</b>	<b>112,107</b>	<b>47,923</b>	<b>160,030</b>	<b>123,193</b>	<b>41,381</b>	<b>164,574</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,647	472	3,119	4,116	1,965	6,081	8,330	2,459	10,789
9. Office buildings .....	49,702	15,540	65,242	41,909	17,145	59,054	51,686	24,951	76,637
10. Stores, retail and wholesale .....	161	1,314	1,475	38	—	38	—	—	—
17. Other institutional buildings .....	15,509	4,954	20,463	44,309	8,743	53,052	46,938	10,174	57,112
24. Other building construction .....	29,339	9,902	39,241	21,735	20,070	41,805	16,239	3,797	20,036
<b>Total engineering construction .....</b>	<b>767,504</b>	<b>232,109</b>	<b>999,613</b>	<b>765,749</b>	<b>189,015</b>	<b>954,764</b>	<b>795,907</b>	<b>210,460</b>	<b>1,006,367</b>
25. Docks, wharves, piers, breakwaters .....	1,296	235	1,531	6,839	3,058	9,897	4,384	2,363	6,747
26. Retaining walls, embankments, riprapping .....	9,040	3,623	12,663	752	74	826	458	76	534
31. Other marine construction .....	5,120	3,932	9,052	132	6	138	365	—	365
32. Hard surfaced or paved streets, highways, parking lots, etc.	363,590	101,737	465,327	428,896	95,375	524,271	441,256	129,688	570,944
33. Gravel or stone streets, highways, roads, parking lots, etc.	211,259	67,395	278,654	85,209	26,915	112,124	88,879	28,335	117,214
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9,241	14,371	23,612	18,158	3,382	21,540	25,156	6,191	31,347
35. Grading, scraping, oiling, filling .....	38,113	17,588	55,701	41,259	14,314	55,573	32,943	15,687	48,630
38. Tile drains, drainage ditches, storm sewers .....	8,611	4,316	12,927	25,741	2,830	28,571	25,373	2,273	27,646
39. Water mains, hydrants and services .....	1,983	10	1,993	3,501	58	3,559	6,099	64	6,163
40. Sewage systems and connections .....	1,611	1,250	2,861	1,902	40	1,942	674	93	767
43. Dams and reservoirs .....	2,629	1	2,630	8,897	119	9,016	14,156	433	14,589
44. Irrigation and land reclamation projects .....	2,730	33	2,763	5,671	1,126	6,797	6,783	1,770	8,553
47. Power transmission and distribution lines, trolley wires....	187	—	187	664	27	691	602	47	649
51. Telegraph and telephone lines, underground and marine cables .....	2,121	37	2,158	—	—	—	—	—	—
63. Bridges, trestles, culverts, overpasses, viaducts .....	70,800	12,385	83,185	105,763	17,256	123,019	122,941	19,162	142,103
66. Park systems, landscaping, sodding, etc. ....	8,664	1,825	10,489	6,275	3,613	9,888	6,234	3,155	9,389
67. Swimming pools, tennis courts, outdoor recreation facilities	629	123	752	3,042	658	3,700	4,691	937	5,628
69. Fences, snowsheds, signs, guard rails .....	3,863	1,444	5,307	4,485	150	4,635	4,135	90	4,225
70. Other engineering construction .....	26,017	1,804	27,821	18,563	20,014	38,577	10,778	96	10,874

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.



**TABLE 16. Total Value of Construction Work Performed — New and Repair by Type of Structure by Municipal Government Departments, 1967 - 69<sup>1</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>534,991</b>	<b>148,902</b>	<b>683,893</b>	<b>643,516</b>	<b>158,280</b>	<b>801,796</b>	<b>711,662</b>	<b>163,257</b>	<b>874,919</b>
<b>Total building construction .....</b>	<b>103,379</b>	<b>7,933</b>	<b>111,312</b>	<b>104,205</b>	<b>10,394</b>	<b>114,599</b>	<b>116,844</b>	<b>10,074</b>	<b>126,918</b>
9. Office buildings .....	10,201	2,667	12,868	16,102	3,010	19,112	21,165	2,821	23,986
12. Theatres, arenas, amusement and recreational buildings .....	56,835	2,894	59,729	37,972	3,980	41,952	40,107	3,502	43,609
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,958	508	8,466	12,620	1,557	14,177	12,233	1,543	13,776
17. Other institutional buildings .....	8,983	1,134	10,117	9,242	911	10,153	14,213	1,130	15,343
30. Other building construction .....	19,402	730	20,132	28,269	936	29,205	29,126	1,078	30,204
<b>Total engineering construction .....</b>	<b>431,612</b>	<b>140,969</b>	<b>572,581</b>	<b>539,311</b>	<b>147,886</b>	<b>687,197</b>	<b>594,818</b>	<b>153,183</b>	<b>748,001</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	191,986	86,811	278,797	238,452	88,853	327,305	247,192	92,873	340,065
36. Sidewalks, paths .....	13,859	7,007	20,866	16,295	7,678	23,973	15,923	7,948	23,871
40. Sewage systems and connections .....	132,196	21,338	153,534	176,751	25,572	202,323	217,684	25,742	243,426
48. Street lighting .....	6,202	2,874	9,076	6,300	2,555	8,855	6,268	2,469	8,737
63. Bridges, trestles, culverts, overpasses, viaducts .....	50,984	4,064	55,048	59,802	3,129	62,931	61,311	3,604	64,915
70. Other engineering construction .....	36,385	18,875	55,260	41,711	20,099	61,810	46,440	20,547	66,987

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

**TABLE 17. Total Value of Construction Work Performed — New and Repair by Residential and Institutional Services, 1967 - 69<sup>1</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential:</b>									
<b>Total value of construction .....</b>	<b>2,351,600</b>	<b>713,100</b>	<b>3,064,700</b>	<b>2,843,500</b>	<b>728,900</b>	<b>3,572,400</b>	<b>3,200,300</b>	<b>772,300</b>	<b>3,972,600</b>
<b>Institutional:</b>									
<b>Total value of construction .....</b>	<b>1,107,495</b>	<b>88,077</b>	<b>1,195,572</b>	<b>1,201,448</b>	<b>95,777</b>	<b>1,297,225</b>	<b>1,286,883</b>	<b>105,181</b>	<b>1,392,064</b>
<b>Total building construction .....</b>	<b>1,096,871</b>	<b>86,945</b>	<b>1,183,816</b>	<b>1,191,018</b>	<b>95,500</b>	<b>1,286,518</b>	<b>1,280,329</b>	<b>104,698</b>	<b>1,385,027</b>
8. Hotels, clubs, restaurants, cafeteria, tourist cabins .....	68	54	122	23	33	56	—	20	20
9. Office buildings .....	—	—	—	—	20	20	—	29	29
12. Theatres, arenas, amusement and recreational buildings .....	242	31	273	1,118	23	1,141	1,489	30	1,519
14. Schools and other educational buildings .....	838,965	47,263	886,228	930,936	53,099	984,035	930,471	60,599	991,070
15. Churches and other religious buildings .....	42,521	7,427	49,948	31,189	7,440	38,629	31,235	6,607	37,842
16. Hospitals, sanatoria, clinics, first-aid stations etc. ....	178,352	29,304	207,656	196,676	32,322	228,998	282,563	35,505	318,068
17. Other institutional buildings .....	36,645	2,687	39,332	30,913	2,531	33,444	33,291	1,871	35,162
18. Farm buildings (excluding dwellings) .....	8	32	40	58	32	90	80	37	117
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	18	18	—	—	—	—	—	—
24. Other building construction .....	70	129	199	105	—	105	1,200	—	1,200
<b>Total engineering construction .....</b>	<b>10,624</b>	<b>1,132</b>	<b>11,756</b>	<b>10,430</b>	<b>277</b>	<b>10,707</b>	<b>6,554</b>	<b>483</b>	<b>7,037</b>

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

**TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1967-69<sup>1,2</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>232, 434</b>	<b>38, 295</b>	<b>270, 729</b>	<b>295, 462</b>	<b>44, 174</b>	<b>339, 636</b>	<b>335, 151</b>	<b>42, 929</b>	<b>378, 080</b>
<b>Total building construction .....</b>	<b>104, 678</b>	<b>23, 341</b>	<b>128, 019</b>	<b>105, 020</b>	<b>25, 327</b>	<b>130, 347</b>	<b>116, 174</b>	<b>26, 505</b>	<b>142, 679</b>
Residential .....	35, 700	12, 100	47, 800	53, 300	12, 300	65, 600	72, 100	12, 900	85, 000
Industrial .....	18, 810	5, 636	24, 446	7, 565	6, 688	14, 253	5, 943	6, 772	12, 715
Commercial .....	23, 733	2, 930	26, 663	17, 198	2, 698	19, 896	14, 596	3, 331	17, 927
Institutional .....	19, 776	2, 230	22, 006	16, 961	3, 128	20, 089	17, 350	3, 035	20, 385
Other building construction .....	6, 659	445	7, 104	9, 996	513	10, 509	6, 185	467	6, 652
<b>Total engineering construction .....</b>	<b>127, 756</b>	<b>14, 954</b>	<b>142, 710</b>	<b>190, 442</b>	<b>18, 847</b>	<b>209, 289</b>	<b>218, 977</b>	<b>16, 424</b>	<b>235, 401</b>
Marine construction .....	15, 203	1, 325	16, 528	11, 093	1, 372	12, 465	9, 144	1, 171	10, 315
Road, highway and aerodrome construction .....	40, 123	8, 580	48, 703	56, 656	11, 556	68, 212	47, 696	9, 591	57, 287
Waterworks and sewage systems .....	1, 733	520	2, 253	3, 899	443	4, 342	8, 331	433	8, 764
Dams and irrigation <sup>2</sup> .....	42, 011	1, 302	43, 313	81, 787	1, 898	83, 685	100, 109	1, 736	101, 845
Electric power construction <sup>2</sup> .....									
Railway, telephone and telegraph .....	3, 553	2, 182	5, 735	2, 819	1, 738	4, 557	2, 764	1, 872	4, 636
Gas and oil facilities .....	3, 303	82	3, 385	1, 008	202	1, 210	6, 397	185	6, 582
Other engineering construction <sup>2</sup> .....	21, 830	963	22, 793	33, 180	1, 638	34, 818	44, 536	1, 436	45, 972

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> "Other engineering" includes expenditures which were applicable to "Electric power construction," "Dams and irrigation" and other types of structures but could not be specifically allocated to those categories.

**TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1967-69<sup>1</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>29, 233</b>	<b>7, 878</b>	<b>37, 111</b>	<b>27, 844</b>	<b>7, 105</b>	<b>34, 949</b>	<b>25, 735</b>	<b>7, 453</b>	<b>33, 188</b>
<b>Total building construction .....</b>	<b>15, 164</b>	<b>4, 622</b>	<b>19, 786</b>	<b>15, 078</b>	<b>4, 571</b>	<b>19, 649</b>	<b>17, 035</b>	<b>4, 598</b>	<b>21, 633</b>
Residential .....	7, 800	2, 100	9, 900	7, 200	2, 100	9, 300	8, 500	2, 300	10, 800
Industrial .....	690	148	838	807	133	940	740	136	876
Commercial .....	1, 515	586	2, 101	2, 010	550	2, 560	2, 174	567	2, 741
Institutional .....	3, 946	376	4, 322	3, 847	467	4, 314	4, 360	373	4, 733
Other building construction .....	1, 213	1, 412	2, 625	1, 214	1, 321	2, 535	1, 261	1, 222	2, 483
<b>Total engineering construction .....</b>	<b>14, 069</b>	<b>3, 256</b>	<b>17, 325</b>	<b>12, 766</b>	<b>2, 534</b>	<b>15, 300</b>	<b>8, 700</b>	<b>2, 855</b>	<b>11, 555</b>
Marine construction .....	756	518	1, 274	711	346	1, 057	769	275	1, 044
Road, highway and aerodrome construction .....	7, 906	1, 461	9, 367	6, 421	865	7, 286	4, 388	1, 154	5, 542
Waterworks and sewage systems .....	190	248	438	464	261	725	358	258	616
Dams and irrigation .....	74	86	160	123	104	227	162	105	267
Electric power construction .....	3, 936	392	4, 328	3, 301	347	3, 648	1, 396	485	1, 881
Railway, telephone and telegraph .....	850	231	1, 081	576	223	799	540	248	788
Gas and oil facilities .....	42	11	53	132	46	178	178	51	229
Other engineering construction .....	315	309	624	1, 038	342	1, 380	909	279	1, 188

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

**TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure — Nova Scotia, 1967-69<sup>1, 2, 3</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>253, 149</b>	<b>70, 180</b>	<b>323, 329</b>	<b>275, 935</b>	<b>61, 002</b>	<b>336, 937</b>	<b>369, 468</b>	<b>70, 030</b>	<b>439, 498</b>
<b>Total building construction .....</b>	<b>152, 717</b>	<b>34, 391</b>	<b>187, 108</b>	<b>163, 871</b>	<b>29, 315</b>	<b>193, 186</b>	<b>203, 220</b>	<b>37, 239</b>	<b>240, 459</b>
<b>Residential .....</b>	<b>42, 400</b>	<b>16, 400</b>	<b>58, 800</b>	<b>61, 200</b>	<b>16, 500</b>	<b>77, 700</b>	<b>84, 700</b>	<b>18, 000</b>	<b>102, 700</b>
<b>Industrial .....</b>	<b>22, 507</b>	<b>4, 019</b>	<b>26, 526</b>	<b>13, 498</b>	<b>2, 989</b>	<b>16, 487</b>	<b>12, 111</b>	<b>8, 391</b>	<b>20, 502</b>
2. Factories, plants, workshops, food canneries .....	22, 146	3, 421	25, 567	13, 166	2, 560	15, 726	11, 480	7, 875	19, 355
3. Mine and mine mill buildings .....	38	191	229	44	34	78	197	100	297
4. Railway stations, offices, roadway buildings .....	219	282	501	174	248	422	257	262	519
5. Railway shops, engine houses, water and fuel stations .....	104	125	229	114	147	261	177	154	331
<b>Commercial .....</b>	<b>26, 303</b>	<b>7, 536</b>	<b>33, 839</b>	<b>24, 371</b>	<b>5, 048</b>	<b>29, 419</b>	<b>37, 899</b>	<b>5, 647</b>	<b>43, 546</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4, 226	803	5, 029	646	918	1, 564	2, 786	1, 045	3, 831
7. Grain elevators .....	1, 263	71	1, 334	44	63	107	2	68	70
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2, 909	729	3, 638	3, 296	288	3, 584	1, 517	351	1, 868
9. Office buildings .....	8, 345	1, 998	10, 343	9, 444	1, 421	10, 865	12, 339	1, 671	14, 010
10. Stores, retail and wholesale .....	3, 798	2, 850	6, 648	7, 402	1, 346	8, 748	17, 646	1, 592	19, 238
11. Garages and service stations .....	1, 490	799	2, 289	1, 157	498	1, 655	2, 045	545	2, 590
12. Theatres, arenas, amusement and recreational buildings .....	4, 272	239	4, 511	2, 061	455	2, 516	1, 544	324	1, 868
13. Laundries and dry cleaning establishments .....	—	47	47	321	59	380	20	51	71
<b>Institutional .....</b>	<b>54, 048</b>	<b>3, 167</b>	<b>57, 215</b>	<b>60, 092</b>	<b>2, 719</b>	<b>62, 811</b>	<b>63, 896</b>	<b>3, 144</b>	<b>67, 040</b>
14. Schools and other educational buildings .....	40, 418	1, 598	42, 016	44, 198	1, 642	45, 840	48, 934	2, 256	51, 190
15. Churches and other religious buildings .....	911	201	1, 112	420	242	662	323	182	505
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8, 889	1, 016	9, 905	13, 114	687	13, 801	11, 558	540	12, 098
17. Other institutional buildings .....	3, 830	352	4, 182	2, 360	148	2, 508	3, 081	166	3, 247
<b>Other building construction .....</b>	<b>7, 459</b>	<b>3, 269</b>	<b>10, 728</b>	<b>4, 710</b>	<b>2, 059</b>	<b>6, 769</b>	<b>4, 614</b>	<b>2, 057</b>	<b>6, 671</b>
18. Farm buildings (excluding dwellings) .....	2, 064	1, 237	3, 301	1, 950	1, 119	3, 069	1, 927	1, 107	3, 034
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2, 536	386	2, 922	339	145	484	163	144	307
20. Aeroplane hangars .....	78	472	550	66	225	291	91	229	320
21. Passenger terminals, bus, boat or air .....	380	6	386	320	4	324	333	2	335
22. Armouries, barracks, drill halls, etc. ....	687	964	1, 651	579	459	1, 038	602	468	1, 070
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	51	17	68	48	26	74	45	24	69
24. Other building construction .....	1, 663	187	1, 850	1, 408	81	1, 489	1, 453	83	1, 536
<b>Total engineering construction .....</b>	<b>100, 432</b>	<b>35, 789</b>	<b>136, 221</b>	<b>112, 064</b>	<b>31, 687</b>	<b>143, 751</b>	<b>166, 248</b>	<b>32, 791</b>	<b>199, 039</b>
<b>Marine construction .....</b>	<b>9, 814</b>	<b>1, 546</b>	<b>11, 360</b>	<b>7, 730</b>	<b>1, 177</b>	<b>8, 907</b>	<b>12, 832</b>	<b>1, 261</b>	<b>14, 093</b>
25. Docks, wharves, piers, breakwaters .....	8, 204	1, 015	9, 219	6, 299	924	7, 223	11, 422	1, 003	12, 425
26. Retaining walls, embankments, riprapping .....	143	192	335	191	91	282	125	93	218
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	517	2	519	436	1	437	453	1	454
29. Dyke construction .....	878	54	932	744	26	770	769	26	795
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	72	283	355	60	135	195	63	138	201

See footnotes at end of table.



**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1967-69<sup>1,2,3</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>38,353</b>	<b>18,883</b>	<b>57,236</b>	<b>53,282</b>	<b>14,879</b>	<b>68,161</b>	<b>56,476</b>	<b>16,548</b>	<b>73,024</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	36,165	17,894	54,059	50,994	13,894	64,888	54,173	15,606	69,779
33. Gravel or stone streets, highways, roads, parking lots, etc.....	691	320	1,011	581	225	806	601	225	826
34. Dirt, clay or other streets, roads, parking lots, etc.....	566	177	743	737	486	1,223	785	425	1,210
35. Grading, scraping, oiling, filling .....	10	109	119	110	52	162	20	53	73
36. Sidewalks, paths .....	297	162	459	334	117	451	350	132	482
37. Aerodromes, landing fields, runways, tarmac .....	624	221	845	526	105	631	547	107	654
<b>Waterworks and sewage systems .....</b>	<b>6,290</b>	<b>1,841</b>	<b>8,131</b>	<b>5,303</b>	<b>1,399</b>	<b>6,702</b>	<b>9,453</b>	<b>1,422</b>	<b>10,875</b>
38. Tile drains, drainage ditches, storm sewers .....	220	270	490	206	187	393	255	192	447
39. Water mains, hydrants and services .....	3,013	1,031	4,044	1,823	753	2,576	3,056	876	3,932
40. Sewage systems and connections .....	2,922	470	3,392	3,203	432	3,635	5,598	331	5,929
41. Pumping stations, water .....	104	36	140	42	10	52	185	6	191
42. Water storage tanks .....	31	34	65	29	17	46	359	17	376
<b>Dams and irrigation .....</b>	<b>428</b>	<b>209</b>	<b>637</b>	<b>272</b>	<b>236</b>	<b>508</b>	<b>504</b>	<b>241</b>	<b>745</b>
43. Dams and reservoirs .....	181	64	245	42	102	144	277	108	385
44. Irrigation and land reclamation projects .....	247	145	392	230	134	364	227	133	360
<b>Electric power construction .....</b>	<b>19,026</b>	<b>2,150</b>	<b>21,176</b>	<b>23,863</b>	<b>2,062</b>	<b>25,925</b>	<b>38,232</b>	<b>4,046</b>	<b>42,278</b>
45. Electric power generating plants, including water conveying and controlling structures .....	12,125	455	12,580	15,870	364	16,234	22,623	1,380	24,003
46. Electric transformer stations .....	254	143	397	717	369	1,086	2,559	336	2,895
47. Power transmission and distribution lines, trolley wires .....	6,135	1,502	7,637	6,668	1,164	7,832	12,426	2,130	14,556
48. Street lighting .....	512	50	562	608	165	773	624	200	824
<b>Railway, telephone and telegraph .....</b>	<b>7,790</b>	<b>4,236</b>	<b>12,026</b>	<b>7,064</b>	<b>3,738</b>	<b>10,802</b>	<b>7,959</b>	<b>3,954</b>	<b>11,913</b>
49. Railway tracks and roadbed .....	1,773	2,646	4,419	1,746	2,292	4,038	2,671	2,418	5,089
50. Signals and interlockers .....	193	252	445	220	283	503	338	298	636
51. Telegraph and telephone lines, underground and marine cables .....	5,824	1,338	7,162	5,098	1,163	6,261	4,950	1,238	6,188
<b>Gas and oil facilities .....</b>	<b>314</b>	<b>86</b>	<b>400</b>	<b>464</b>	<b>110</b>	<b>574</b>	<b>152</b>	<b>120</b>	<b>272</b>
52. Gas mains and services .....	—	6	6	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	84	104	188	93	115	208
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	291	69	360	380	6	386	59	5	64
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	23	9	32	—	—	—	—	—	—
58. Gas pipe lines.....	—	2	2	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>18,417</b>	<b>6,838</b>	<b>25,255</b>	<b>14,086</b>	<b>8,086</b>	<b>22,172</b>	<b>40,640</b>	<b>5,199</b>	<b>45,839</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	12,370	1,894	14,264	8,835	1,504	10,339	3,746	1,490	5,236
64. Tunnels and subways .....	40	15	55	—	7	7	—	7	7
65. Incinerators .....	—	5	5	—	2	2	—	2	2
66. Park systems, landscaping, sodding, etc. ....	316	417	733	616	198	814	687	202	889
67. Swimming pools, tennis courts, outdoor recreation facilities ....	60	35	95	25	17	42	26	17	43
68. Mine shafts and other below surface workings .....	943	124	1,067	973	—	973	1,650	151	1,801
69. Fences, snowsheds, signs, guard rails .....	380	327	707	321	252	573	333	253	586
70. Other engineering construction .....	4,308	4,021	8,329	3,316	6,106	9,422	34,198	3,077	37,275

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".

**TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure — New Brunswick, 1967 - 69<sup>1,2,3</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>246, 965</b>	<b>48, 532</b>	<b>295, 497</b>	<b>217, 401</b>	<b>51, 431</b>	<b>268, 832</b>	<b>246, 031</b>	<b>52, 308</b>	<b>298, 339</b>
<b>Total building construction .....</b>	<b>101, 618</b>	<b>26, 238</b>	<b>127, 856</b>	<b>126, 568</b>	<b>25, 672</b>	<b>152, 240</b>	<b>151, 487</b>	<b>27, 323</b>	<b>178, 810</b>
<b>Residential .....</b>	<b>42, 600</b>	<b>12, 100</b>	<b>54, 700</b>	<b>54, 600</b>	<b>12, 100</b>	<b>66, 700</b>	<b>73, 300</b>	<b>12, 900</b>	<b>86, 200</b>
<b>Industrial .....</b>	<b>12, 792</b>	<b>4, 141</b>	<b>16, 933</b>	<b>12, 238</b>	<b>2, 951</b>	<b>15, 189</b>	<b>14, 009</b>	<b>2, 667</b>	<b>16, 676</b>
2. Factories, plants, workshops, food canneries .....	10, 404	3, 224	13, 628	10, 886	2, 096	12, 982	12, 118	1, 864	13, 982
3. Mine and mine mill buildings .....	1, 866	14	1, 880	58	109	167	1, 118	21	1, 139
4. Railway stations, offices, roadway buildings .....	359	641	1, 000	1, 081	466	1, 547	405	489	894
5. Railway shops, engine houses, water and fuel stations .....	163	262	425	213	280	493	368	293	661
<b>Commercial .....</b>	<b>17, 377</b>	<b>5, 122</b>	<b>22, 499</b>	<b>16, 864</b>	<b>5, 132</b>	<b>21, 996</b>	<b>20, 961</b>	<b>5, 410</b>	<b>26, 371</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 589	514	3, 103	2, 199	346	2, 545	3, 867	352	4, 219
7. Grain elevators .....	2	6	8	1	2	3	2	2	4
8. Hotels, clubs, restaurants, cafeterias, tourists cabins .....	804	254	1, 058	676	170	846	493	182	675
9. Office buildings .....	6, 477	1, 976	8, 453	2, 219	2, 637	4, 856	5, 060	2, 906	7, 966
10. Stores, retail and wholesale .....	5, 179	1, 209	6, 388	8, 908	993	9, 901	9, 314	932	10, 246
11. Garages and service stations .....	1, 206	703	1, 909	1, 292	666	1, 958	1, 757	684	2, 441
12. Theatres, arenas, amusement and recreational buildings .....	1, 114	393	1, 507	1, 041	285	1, 326	468	313	781
13. Laundries and dry cleaning establishments .....	6	67	73	528	33	561	—	39	39
<b>Institutional .....</b>	<b>25, 955</b>	<b>2, 241</b>	<b>28, 196</b>	<b>39, 946</b>	<b>3, 375</b>	<b>43, 321</b>	<b>39, 541</b>	<b>4, 066</b>	<b>43, 607</b>
14. Schools and other educational buildings .....	19, 334	1, 378	20, 712	30, 030	1, 567	31, 597	28, 698	2, 411	31, 109
15. Churches and other religious buildings .....	622	294	916	528	469	997	61	347	408
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5, 565	412	5, 977	7, 374	956	8, 330	9, 881	1, 219	11, 100
17. Other institutional buildings .....	434	157	591	2, 014	383	2, 397	901	89	990
<b>Other building construction .....</b>	<b>2, 894</b>	<b>2, 634</b>	<b>5, 528</b>	<b>2, 920</b>	<b>2, 114</b>	<b>5, 034</b>	<b>3, 676</b>	<b>2, 280</b>	<b>5, 956</b>
18. Farm buildings (excluding dwellings) .....	1, 417	928	2, 345	1, 513	1, 010	2, 523	1, 498	1, 004	2, 502
19. Broadcasting, radio and television, relay and booster stations, telephone exchange .....	1, 012	135	1, 147	1, 040	170	1, 210	1, 931	326	2, 257
20. Aeroplane hangars .....	6	87	93	3	43	46	3	41	44
21. Passenger terminals, bus, boat or air .....	60	2	62	34	4	38	29	3	32
22. Armouries, barracks, drill halls, etc. ....	37	912	949	21	524	545	18	497	515
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	165	362	527	79	232	311	118	268	386
24. Other building construction .....	197	208	405	230	131	361	79	141	220
<b>Total engineering construction .....</b>	<b>145, 347</b>	<b>22, 294</b>	<b>167, 641</b>	<b>90, 833</b>	<b>25, 759</b>	<b>116, 592</b>	<b>94, 544</b>	<b>24, 985</b>	<b>119, 529</b>
<b>Marine construction .....</b>	<b>12, 407</b>	<b>938</b>	<b>13, 345</b>	<b>5, 144</b>	<b>613</b>	<b>5, 757</b>	<b>4, 337</b>	<b>552</b>	<b>4, 889</b>
25. Docks, wharves, piers, breakwaters .....	11, 495	474	11, 969	4, 633	244	4, 877	3, 966	233	4, 199
26. Retaining walls, embankments, riprapping .....	3	1	4	12	1	13	2	1	3
27. Canals and waterways .....	73	—	73	41	—	41	35	—	35
28. Dredging and pile driving .....	372	20	392	215	94	309	128	81	209
29. Dyke construction .....	430	98	528	242	56	298	205	53	258
30. Logging booms .....	—	35	35	—	40	40	—	15	15
31. Other marine construction .....	34	310	344	1	178	179	1	169	170

See footnotes at end of table.

**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1967-69<sup>1,2,3</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>54,897</b>	<b>9,528</b>	<b>64,425</b>	<b>28,281</b>	<b>13,397</b>	<b>41,678</b>	<b>28,233</b>	<b>13,266</b>	<b>41,499</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	13,182	8,437	21,619	18,402	9,223	27,625	18,669	8,606	27,275
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	39,827	203	40,030	8,459	3,239	11,698	8,364	3,294	11,658
34. Dirt, clay or other streets, roads, parking lots, etc. ....	503	724	1,227	412	850	1,262	370	1,239	1,609
35. Grading, scraping, oiling, filling .....	1	—	1	7	—	7	1	—	1
36. Sidewalks, paths .....	116	92	208	281	52	333	228	96	324
37. Aerodromes, landings fields, runways, tarmac .....	1,268	72	1,340	720	33	753	601	31	632
<b>Waterworks and sewage systems .....</b>	<b>4,751</b>	<b>1,313</b>	<b>6,064</b>	<b>5,939</b>	<b>1,660</b>	<b>7,599</b>	<b>5,701</b>	<b>1,464</b>	<b>7,165</b>
38. Tile drains, drainage ditches, storm sewers .....	144	101	245	238	110	348	320	110	430
39. Water mains, hydrants and services .....	1,676	1,120	2,796	3,065	1,062	4,127	1,678	886	2,564
40. Sewage systems and connections .....	1,944	67	2,011	2,338	463	2,801	3,382	448	3,830
41. Pumping stations, water .....	966	10	976	186	6	192	112	4	116
42. Water storage tanks .....	21	15	36	112	19	131	209	16	225
<b>Dams and irrigation .....</b>	<b>478</b>	<b>125</b>	<b>603</b>	<b>546</b>	<b>185</b>	<b>731</b>	<b>390</b>	<b>174</b>	<b>564</b>
43. Dams and reservoirs .....	313	13	326	290	27	317	135	16	151
44. Irrigation and land reclamation projects .....	165	112	277	256	158	414	255	158	413
<b>Electric power construction .....</b>	<b>39,695</b>	<b>1,558</b>	<b>41,253</b>	<b>20,720</b>	<b>627</b>	<b>21,347</b>	<b>26,402</b>	<b>650</b>	<b>27,052</b>
45. Electric power generating plants, including water conveying and controlling structures .....	29,837	315	30,152	16,203	58	16,261	20,777	59	20,836
46. Electric transformer stations .....	908	70	978	534	14	548	684	8	692
47. Power transmission and distribution lines, trolley wires .....	8,584	1,041	9,625	3,762	484	4,246	4,701	510	5,211
48. Street lighting .....	366	132	498	221	71	292	240	73	313
<b>Railway, telephone and telegraph .....</b>	<b>9,497</b>	<b>6,314</b>	<b>15,811</b>	<b>8,188</b>	<b>6,108</b>	<b>14,296</b>	<b>10,534</b>	<b>6,581</b>	<b>17,115</b>
49. Railway tracks and roadbed .....	4,362	4,587	8,949	3,112	4,324	7,436	4,023	4,530	8,553
50. Signals and interlockers .....	300	562	862	402	533	935	514	560	1,074
51. Telegraph and telephone lines, underground and marine cables .....	4,835	1,165	6,000	4,674	1,251	5,925	5,997	1,491	7,488
<b>Gas and oil facilities .....</b>	<b>410</b>	<b>44</b>	<b>454</b>	<b>572</b>	<b>85</b>	<b>657</b>	<b>455</b>	<b>94</b>	<b>549</b>
52. Gas mains and services .....	3	10	13	3	—	3	3	—	3
53. Pumping stations, oil .....	—	—	—	229	67	296	247	74	321
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	245	22	267	338	6	344	203	5	208
56. Gas storage tanks .....	64	—	64	—	—	—	—	—	—
57. Oil pipe lines .....	40	—	40	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	2	—	2	2	—	2
59. Oil wells .....	39	8	47	—	12	12	—	15	15
60. Gas wells .....	19	4	23	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>23,212</b>	<b>2,474</b>	<b>25,686</b>	<b>21,443</b>	<b>3,084</b>	<b>24,527</b>	<b>18,492</b>	<b>2,204</b>	<b>20,696</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	17,327	1,649	18,976	12,139	1,610	13,749	13,348	1,601	14,949
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	1,481	344	1,825	864	245	1,109	832	264	1,096
67. Swimming pools, tennis courts, outdoor recreation facilities....	823	67	890	337	19	356	345	24	369
68. Mine shafts and other below surface workings .....	3,106	48	3,154	4,147	20	4,167	3,242	—	3,242
69. Fences, snowsheds, signs, guard rails .....	330	222	552	391	222	613	397	227	624
70. Other engineering construction .....	145	144	289	3,565	968	4,533	328	88	416

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1967-69<sup>1,2,3</sup>

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,988,480</b>	<b>554,333</b>	<b>2,542,813</b>	<b>2,141,495</b>	<b>533,126</b>	<b>2,674,621</b>	<b>2,216,803</b>	<b>566,224</b>	<b>2,783,027</b>
<b>Total building construction .....</b>	<b>1,263,893</b>	<b>332,764</b>	<b>1,596,657</b>	<b>1,338,202</b>	<b>345,171</b>	<b>1,683,373</b>	<b>1,399,446</b>	<b>353,208</b>	<b>1,752,654</b>
<b>Residential .....</b>	<b>569,300</b>	<b>193,300</b>	<b>762,600</b>	<b>624,700</b>	<b>197,000</b>	<b>821,700</b>	<b>666,000</b>	<b>214,800</b>	<b>880,800</b>
<b>Industrial .....</b>	<b>136,304</b>	<b>49,453</b>	<b>185,757</b>	<b>115,794</b>	<b>45,388</b>	<b>161,182</b>	<b>107,167</b>	<b>47,649</b>	<b>154,816</b>
2. Factories, plants, workshops, food canneries ....	126,636	41,727	168,363	108,653	39,912	148,565	100,828	41,903	142,731
3. Mine and mine mill buildings .....	4,033	3,223	7,256	4,655	2,301	6,956	3,987	2,446	6,433
4. Railway stations, offices, roadway buildings ....	4,357	2,469	6,826	1,482	1,922	3,404	1,500	2,042	3,542
5. Railway shops, engine houses, water and fuel stations .....	1,278	2,034	3,312	1,004	1,253	2,257	852	1,258	2,110
<b>Commercial .....</b>	<b>247,736</b>	<b>41,925</b>	<b>289,661</b>	<b>233,679</b>	<b>39,922</b>	<b>273,601</b>	<b>233,325</b>	<b>44,133</b>	<b>277,458</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,217	3,254	19,471	24,662	3,622	28,284	19,630	3,771	23,401
7. Grain elevators .....	11,425	911	12,336	98	689	787	48	702	750
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	18,775	4,476	23,251	9,800	3,557	13,357	8,148	3,364	11,512
9. Office buildings .....	76,782	14,986	91,768	89,611	17,277	106,888	108,901	21,449	130,350
10. Stores, retail and wholesale .....	67,696	13,574	81,270	71,797	8,949	80,746	59,366	9,343	68,709
11. Garages and service stations .....	16,989	3,186	20,175	11,955	4,069	16,024	14,491	3,974	18,465
12. Theatres, arenas, amusement and recreational buildings .....	39,290	1,153	40,443	25,419	1,456	26,875	22,453	1,216	23,669
13. Laundries and dry cleaning establishments .....	562	385	947	337	303	640	288	314	602
<b>Institutional .....</b>	<b>227,453</b>	<b>28,834</b>	<b>256,287</b>	<b>282,196</b>	<b>28,247</b>	<b>310,443</b>	<b>291,383</b>	<b>29,309</b>	<b>320,692</b>
14. Schools and other educational buildings .....	178,727	14,731	193,458	242,199	15,985	258,184	225,246	16,258	241,504
15. Churches and other religious buildings .....	10,606	2,477	13,083	3,355	2,552	5,907	2,930	2,794	5,724
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	28,171	9,077	37,248	30,889	8,335	39,224	56,550	9,292	65,842
17. Other institutional buildings .....	9,949	2,549	12,498	5,753	1,375	7,128	6,657	965	7,622
<b>Other building construction .....</b>	<b>83,100</b>	<b>19,252</b>	<b>102,352</b>	<b>81,833</b>	<b>34,614</b>	<b>116,447</b>	<b>101,571</b>	<b>17,317</b>	<b>118,888</b>
18. Farm buildings (excluding dwellings) .....	38,802	12,122	50,924	37,557	11,595	49,152	38,018	11,707	49,725
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	10,208	556	10,764	12,695	1,109	13,804	20,208	942	21,150
20. Aeroplane hangars .....	7	309	316	90	199	289	270	204	474
21. Passenger terminals, bus, boat or air .....	8,747	1,289	10,036	1,043	509	1,552	3,442	368	3,810
22. Armouries, barracks, drill halls, etc. ....	403	1,728	2,131	687	1,127	1,814	827	1,136	1,963
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,441	1,463	4,904	925	1,367	2,292	4,156	2,232	6,388
24. Other building construction .....	21,492	1,785	23,277	28,836	18,708	47,544	34,650	728	35,378
<b>Total engineering construction .....</b>	<b>724,587</b>	<b>221,569</b>	<b>946,156</b>	<b>803,293</b>	<b>187,955</b>	<b>991,248</b>	<b>817,357</b>	<b>213,016</b>	<b>1,030,373</b>
<b>Marine construction .....</b>	<b>30,129</b>	<b>13,335</b>	<b>43,464</b>	<b>35,011</b>	<b>3,985</b>	<b>38,996</b>	<b>40,788</b>	<b>3,937</b>	<b>44,725</b>
25. Docks, wharves, piers, breakwaters .....	12,424	2,036	14,460	25,706	1,641	27,347	29,117	1,491	30,608
26. Retaining walls, embankments, riprapping .....	9,573	3,708	13,281	978	100	1,078	1,154	152	1,306
27. Canals and waterways .....	3,300	4,234	7,534	1,143	593	1,736	1,800	559	2,359
28. Dredging and pile driving .....	3,798	1,965	5,763	6,541	633	7,174	7,691	772	8,463
29. Dyke construction .....	565	13	578	405	6	411	355	14	369
30. Logging booms .....	400	169	569	134	177	311	50	163	213
31. Other marine construction .....	69	1,210	1,279	104	835	939	621	786	1,407

See footnotes at end of table.

TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure — Quebec, 1967-69<sup>1,2,3</sup> — Concluded

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction.....</b>	<b>202, 995</b>	<b>89, 181</b>	<b>292, 176</b>	<b>184, 992</b>	<b>48, 756</b>	<b>233, 748</b>	<b>201, 735</b>	<b>81, 103</b>	<b>282, 838</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	142, 134	34, 180	176, 314	171, 396	38, 837	210, 233	179, 792	68, 410	248, 202
33. Gravel or stone streets, highways, roads, parking lots, etc....	44, 804	25, 946	70, 750	4, 908	2, 347	7, 255	7, 838	2, 924	10, 762
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9, 594	18, 060	27, 654	5, 574	3, 800	9, 374	10, 820	5, 892	16, 712
35. Grading, scraping, oiling, filling .....	4, 663	7, 489	12, 152	99	11	110	15	35	50
36. Sidewalks, paths.....	1, 578	3, 329	4, 907	2, 764	3, 635	6, 399	2, 972	3, 722	6, 694
37. Aerodromes, landing fields, runways, tarmac.....	222	177	399	251	126	377	298	120	418
<b>Waterworks and sewage systems.....</b>	<b>83, 821</b>	<b>25, 503</b>	<b>109, 324</b>	<b>99, 677</b>	<b>21, 204</b>	<b>120, 881</b>	<b>107, 665</b>	<b>23, 660</b>	<b>131, 325</b>
38. Tile drains, drainage ditches, storm sewers .....	9, 581	5, 157	14, 738	5, 383	1, 332	6, 715	5, 278	1, 367	6, 645
39. Water mains, hydrants and services.....	29, 895	8, 248	38, 143	26, 143	7, 979	34, 122	24, 750	9, 619	34, 369
40. Sewage systems and connections.....	36, 204	11, 201	47, 405	62, 637	10, 756	73, 393	67, 426	11, 028	78, 454
41. Pumping stations, water .....	7, 253	684	7, 937	4, 951	863	5, 814	9, 248	1, 386	10, 634
42. Water storage tanks .....	888	213	1, 101	563	274	837	963	260	1, 223
<b>Dams and irrigation.....</b>	<b>6, 623</b>	<b>1, 860</b>	<b>8, 483</b>	<b>7, 513</b>	<b>1, 953</b>	<b>9, 466</b>	<b>9, 519</b>	<b>2, 800</b>	<b>12, 319</b>
43. Dams and reservoirs.....	1, 595	378	1, 973	2, 805	539	3, 344	3, 967	772	4, 739
44. Irrigation and land reclamation projects .....	5, 028	1, 482	6, 510	4, 708	1, 414	6, 122	5, 552	2, 028	7, 580
<b>Electric power construction.....</b>	<b>222, 426</b>	<b>12, 570</b>	<b>234, 996</b>	<b>235, 970</b>	<b>11, 183</b>	<b>247, 153</b>	<b>205, 921</b>	<b>11, 966</b>	<b>217, 887</b>
45. Electric power generating plants, including water conveying and controlling structures .....	170, 319	3, 856	174, 175	127, 004	4, 286	131, 290	94, 820	4, 604	99, 424
46. Electric transformer stations .....	6, 230	1, 040	7, 270	30, 631	850	31, 481	25, 825	1, 008	26, 833
47. Power transmission and distribution lines, trolley wires.....	39, 545	6, 350	45, 895	78, 041	5, 787	83, 828	84, 918	6, 084	91, 002
48. Street lighting .....	6, 332	1, 324	7, 656	294	260	554	358	270	628
<b>Railway, telephone and telegraph.....</b>	<b>60, 150</b>	<b>38, 351</b>	<b>98, 501</b>	<b>63, 593</b>	<b>38, 965</b>	<b>102, 558</b>	<b>65, 464</b>	<b>40, 965</b>	<b>106, 429</b>
49. Railway tracks and roadbed .....	13, 195	19, 148	32, 343	12, 743	20, 764	33, 507	15, 877	21, 841	37, 718
50. Signals and interlockers .....	1, 465	2, 421	3, 886	1, 224	2, 419	3, 643	1, 628	2, 341	3, 969
51. Telegraph and telephone lines, underground and marine cables .....	45, 490	16, 782	62, 272	49, 626	15, 782	65, 408	47, 959	16, 783	64, 742
<b>Gas and oil facilities .....</b>	<b>30, 694</b>	<b>13, 691</b>	<b>44, 385</b>	<b>74, 724</b>	<b>12, 046</b>	<b>86, 770</b>	<b>71, 198</b>	<b>15, 743</b>	<b>86, 941</b>
52. Gas mains and services.....	1, 512	69	1, 581	14, 079	1, 087	15, 166	12, 571	1, 366	13, 937
53. Pumping stations, oil.....	243	11	254	296	127	423	201	117	318
54. Pumping stations, gas .....	6	—	6	56	—	56	—	—	—
55. Oil storage tanks .....	4, 859	1, 312	6, 171	5, 744	1, 404	7, 148	5, 359	1, 485	6, 844
56. Gas storage tanks.....	188	—	188	1, 382	76	1, 458	3, 350	116	3, 466
57. Oil pipe lines .....	4, 820	367	5, 187	2, 152	214	2, 366	1, 659	572	2, 231
58. Gas pipe lines.....	29	64	93	4, 222	56	4, 278	60	63	123
59. Oil wells .....	80	—	80	451	—	451	1, 250	—	1, 250
60. Gas wells.....	37	—	37	—	—	—	9	—	9
61. Oil refinery — Processing units <sup>3</sup> .....	18, 920	11, 868	30, 788	46, 332	9, 082	55, 414	46, 739	12, 024	58, 763
62. Natural gas cleaning plants .....	—	—	—	10	—	10	—	—	—
<b>Other engineering construction .....</b>	<b>87, 749</b>	<b>27, 078</b>	<b>114, 827</b>	<b>101, 813</b>	<b>49, 863</b>	<b>151, 676</b>	<b>115, 067</b>	<b>32, 842</b>	<b>147, 909</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	31, 590	4, 016	35, 606	58, 391	7, 915	66, 306	71, 081	10, 324	81, 405
64. Tunnels and subways.....	11, 411	2, 092	13, 503	—	452	452	—	449	449
65. Incinerators .....	8	24	32	3	16	19	3	22	25
66. Park systems, landscaping, sodding, etc. ....	8, 264	584	8, 848	646	461	1, 107	1, 241	372	1, 613
67. Swimming pools, tennis courts, outdoor recreation facilities ....	125	68	193	1, 160	259	1, 419	2, 193	558	2, 751
68. Mine shafts and other below surface workings.....	14, 655	672	15, 327	6, 507	1, 183	7, 690	9, 955	1, 111	11, 066
69. Fences, snowsheds, signs, guard rails.....	7, 181	3, 212	10, 393	6, 173	2, 245	8, 418	6, 247	2, 240	8, 487
70. Other engineering construction.....	14, 515	16, 410	30, 925	28, 933	37, 332	66, 265	24, 347	17, 766	42, 113

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.



TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario, 1967-69<sup>1,2,3</sup>

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>3,172,476</b>	<b>756,518</b>	<b>3,928,994</b>	<b>3,434,921</b>	<b>771,548</b>	<b>4,206,469</b>	<b>3,906,066</b>	<b>803,710</b>	<b>4,709,776</b>
<b>Total building construction .....</b>	<b>2,215,097</b>	<b>484,880</b>	<b>2,699,977</b>	<b>2,396,880</b>	<b>486,480</b>	<b>2,883,360</b>	<b>2,742,075</b>	<b>504,891</b>	<b>3,246,966</b>
<b>Residential .....</b>	<b>921,400</b>	<b>272,400</b>	<b>1,193,800</b>	<b>1,131,800</b>	<b>280,000</b>	<b>1,411,800</b>	<b>1,300,200</b>	<b>288,400</b>	<b>1,588,600</b>
<b>Industrial .....</b>	<b>326,379</b>	<b>84,508</b>	<b>410,887</b>	<b>248,937</b>	<b>82,955</b>	<b>331,892</b>	<b>298,667</b>	<b>89,212</b>	<b>387,879</b>
2. Factories, plants, workshops, food canneries ....	258,574	64,750	323,324	198,817	64,739	263,556	238,167	69,242	307,409
3. Mine and mine mill buildings .....	62,763	12,897	75,660	46,394	11,926	58,320	54,842	13,374	68,216
4. Railway stations, offices, roadway buildings .....	3,718	4,866	8,584	2,117	4,027	6,144	3,298	4,206	7,504
5. Railway shops, engine houses, water and fuel stations .....	1,324	1,995	3,319	1,609	2,263	3,872	2,360	2,390	4,750
<b>Commercial .....</b>	<b>425,747</b>	<b>65,598</b>	<b>491,345</b>	<b>386,409</b>	<b>57,831</b>	<b>444,240</b>	<b>481,820</b>	<b>58,212</b>	<b>540,032</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	35,098	7,498	42,596	39,080	6,721	45,801	32,287	7,319	39,606
7. Grain elevators .....	843	529	1,372	400	257	657	338	180	518
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	31,908	5,233	37,141	18,154	5,022	23,176	43,855	4,816	48,671
9. Office buildings .....	221,849	22,434	244,283	209,413	18,954	228,367	221,754	18,012	239,766
10. Stores, retail and wholesale .....	76,324	18,070	94,394	61,046	14,161	75,207	103,015	14,719	117,734
11. Garages and service stations .....	24,397	7,325	31,722	31,929	7,414	39,343	40,043	8,252	48,295
12. Theatres, arenas, amusement and recreational buildings .....	34,781	3,858	38,639	25,448	4,607	30,055	39,988	4,361	44,349
13. Laundries and dry cleaning establishments .....	547	651	1,198	939	695	1,634	540	553	1,093
<b>Institutional .....</b>	<b>459,692</b>	<b>27,925</b>	<b>487,617</b>	<b>554,713</b>	<b>35,012</b>	<b>589,725</b>	<b>581,713</b>	<b>37,842</b>	<b>619,555</b>
14. Schools and other educational buildings .....	334,813	13,502	348,315	390,533	14,639	405,172	369,637	16,570	386,207
15. Churches and other religious buildings .....	17,641	3,154	20,795	16,068	2,619	18,687	18,677	2,024	20,701
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	85,038	8,704	93,742	94,612	13,411	108,023	138,475	14,054	152,529
17. Other institutional buildings .....	22,200	2,565	24,765	53,500	4,343	57,843	54,924	5,194	60,118
<b>Other building construction .....</b>	<b>81,879</b>	<b>34,449</b>	<b>116,328</b>	<b>75,021</b>	<b>30,682</b>	<b>105,703</b>	<b>79,675</b>	<b>31,225</b>	<b>110,900</b>
18. Farm buildings (excluding dwellings) .....	50,033	25,735	75,768	48,568	24,400	72,968	48,763	24,539	73,302
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	7,506	500	8,006	13,092	434	13,526	15,563	420	15,983
20. Aeroplane hangars .....	133	575	708	152	341	493	699	363	1,062
21. Passenger terminals, bus, boat or air .....	377	113	490	942	84	1,026	2,736	136	2,872
22. Armouries, barracks, drill halls, etc. ....	472	2,323	2,795	582	1,535	2,117	549	1,630	2,179
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,362	706	2,068	651	576	1,227	1,640	595	2,235
24. Other building construction .....	21,996	4,497	26,493	11,034	3,312	14,346	9,725	3,542	13,267
<b>Total engineering construction .....</b>	<b>957,379</b>	<b>271,638</b>	<b>1,229,017</b>	<b>1,038,041</b>	<b>285,068</b>	<b>1,323,109</b>	<b>1,163,991</b>	<b>298,819</b>	<b>1,462,810</b>
<b>Marine construction .....</b>	<b>21,435</b>	<b>3,428</b>	<b>24,863</b>	<b>31,236</b>	<b>4,136</b>	<b>35,372</b>	<b>40,922</b>	<b>4,935</b>	<b>45,857</b>
25. Docks, wharves, piers, breakwaters .....	7,694	1,227	8,921	6,062	1,701	7,763	5,703	1,746	7,449
26. Retaining walls, embankments, riprapping .....	207	143	350	3,048	111	3,159	4,438	116	4,554
27. Canals and waterways .....	10,910	1,782	12,692	18,553	2,090	20,643	25,278	2,915	28,193
28. Dredging and pile driving .....	829	28	857	962	42	1,004	932	16	948
29. Dyke construction .....	16	34	50	5	23	28	—	16	16
30. Logging booms .....	6	72	78	—	62	62	—	26	26
31. Other marine construction .....	1,773	142	1,915	2,606	107	2,713	4,571	100	4,671

See footnotes at end of table.



TABLE 23. Total Value of Construction Work Performed — New and Repair by Type of Structure — Ontario 1967-69<sup>1,2,3</sup> — Concluded

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>278,530</b>	<b>109,429</b>	<b>387,959</b>	<b>309,201</b>	<b>110,925</b>	<b>420,126</b>	<b>322,153</b>	<b>115,874</b>	<b>438,027</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.....	230,506	84,702	315,208	258,837	86,970	345,807	268,275	90,795	359,070
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	26,616	9,583	36,199	29,376	9,346	38,722	31,056	10,275	41,331
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,433	2,995	5,428	1,253	1,776	3,029	2,288	1,861	4,149
35. Grading, scraping, oiling, filling .....	12,095	9,180	21,275	11,925	9,644	21,569	12,574	9,831	22,405
36. Sidewalks, paths .....	5,484	2,744	8,228	6,204	3,033	9,237	6,376	2,948	9,324
37. Aerodromes, landing fields, runways, tarmac .....	1,396	225	1,621	1,606	156	1,762	1,584	164	1,748
<b>Waterworks and sewage systems .....</b>	<b>128,716</b>	<b>21,937</b>	<b>150,653</b>	<b>147,640</b>	<b>25,597</b>	<b>173,237</b>	<b>172,239</b>	<b>26,247</b>	<b>198,486</b>
38. Tile drains, drainage ditches, storm sewers .....	10,781	2,953	13,734	10,194	2,829	13,023	9,413	2,935	12,348
39. Water mains, hydrants and services .....	33,416	9,211	42,627	34,038	10,116	44,154	41,896	10,397	52,293
40. Sewage systems and connections .....	71,380	8,022	79,402	93,479	11,014	104,493	103,944	11,142	115,086
41. Pumping stations, water .....	12,063	1,276	13,339	8,784	1,184	9,968	15,141	1,310	16,451
42. Water storage tanks .....	1,076	475	1,551	1,145	454	1,599	1,845	463	2,308
<b>Dams and irrigation .....</b>	<b>9,429</b>	<b>3,450</b>	<b>12,879</b>	<b>15,335</b>	<b>3,406</b>	<b>18,741</b>	<b>15,264</b>	<b>3,425</b>	<b>18,689</b>
43. Dams and reservoirs .....	3,210	278	3,488	9,601	399	10,000	9,156	399	9,555
44. Irrigation and land reclamation projects .....	6,219	3,172	9,391	5,734	3,007	8,741	6,108	3,026	9,134
<b>Electric power construction .....</b>	<b>165,397</b>	<b>32,525</b>	<b>197,922</b>	<b>205,252</b>	<b>39,406</b>	<b>244,658</b>	<b>264,173</b>	<b>44,727</b>	<b>308,900</b>
45. Electric power generating plants, including water conveying and controlling structures .....	71,141	6,524	77,665	87,528	11,502	99,030	101,512	13,869	115,381
46. Electric transformer stations .....	14,523	2,843	17,366	14,839	3,117	17,956	22,125	3,705	25,830
47. Power transmission and distribution lines, trolley wires .....	72,020	20,437	92,457	95,182	21,646	116,828	132,032	24,070	156,102
48. Street lighting .....	7,713	2,721	10,434	7,703	3,141	10,844	8,504	3,083	11,587
<b>Railway, telephone and telegraph .....</b>	<b>87,494</b>	<b>59,646</b>	<b>147,140</b>	<b>98,378</b>	<b>56,672</b>	<b>155,050</b>	<b>118,105</b>	<b>60,036</b>	<b>178,141</b>
49. Railway tracks and roadbed .....	39,814	33,291	73,105	37,527	32,929	70,456	47,990	34,491	82,481
50. Signals and interlockers .....	3,719	4,400	8,119	2,867	4,120	6,987	4,480	4,346	8,826
51. Telegraph and telephone lines, underground and marine cables .....	43,961	21,955	65,916	57,984	19,623	77,607	65,635	21,199	86,834
<b>Gas and oil facilities .....</b>	<b>103,693</b>	<b>19,759</b>	<b>123,452</b>	<b>96,627</b>	<b>25,972</b>	<b>122,599</b>	<b>98,379</b>	<b>25,534</b>	<b>123,913</b>
52. Gas mains and services .....	29,315	2,020	31,335	25,414	1,454	26,868	23,826	1,434	25,260
53. Pumping stations, oil .....	897	48	945	367	368	735	1,401	349	1,750
54. Pumping stations, gas .....	1,207	735	1,942	6,387	176	6,563	1,446	176	1,622
55. Oil storage tanks .....	2,523	893	3,416	1,868	1,087	2,955	3,467	1,481	4,948
56. Gas storage tanks .....	1,990	49	2,039	—	1	1	571	1	572
57. Oil pipe lines .....	4,636	1,030	5,666	1,639	575	2,214	1,636	670	2,306
58. Gas pipe lines .....	17,968	1,019	18,987	26,218	2,422	28,640	24,307	2,555	26,862
59. Oil wells .....	1,235	437	1,672	2,398	1,377	3,775	654	233	887
60. Gas wells .....	1,071	331	1,402	2,450	1,591	4,041	6,383	2,178	8,561
61. Oil refinery — Processing units <sup>3</sup> .....	42,791	13,186	55,977	28,180	16,521	44,701	31,729	16,037	47,766
62. Natural gas cleaning plants .....	60	11	71	1,706	400	2,106	2,959	420	3,379
<b>Other engineering construction .....</b>	<b>162,685</b>	<b>21,464</b>	<b>184,149</b>	<b>134,372</b>	<b>18,954</b>	<b>153,326</b>	<b>132,756</b>	<b>18,041</b>	<b>150,797</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	39,961	6,475	46,436	62,217	5,601	67,818	60,462	5,512	65,974
64. Tunnels and subways .....	42,859	86	42,945	19,698	35	19,733	32,733	38	32,771
65. Incinerators .....	59	19	78	74	18	92	115	17	132
66. Park systems, landscaping, sodding, etc. ....	3,562	2,476	6,038	3,849	2,681	6,530	3,418	2,076	5,494
67. Swimming pools, tennis courts, outdoor recreation facilities .....	140	529	669	1,179	710	1,889	1,155	728	1,883
68. Mine shafts and other below surface workings .....	34,421	1,815	36,236	25,732	2,438	28,170	9,517	1,714	11,231
69. Fences, snowsheds, signs, guard rails .....	11,444	4,815	16,259	10,576	4,363	14,939	10,945	4,429	15,374
70. Other engineering construction .....	30,239	5,249	35,488	11,047	3,108	14,155	14,411	3,527	17,938

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1967-69<sup>1,2,3</sup>

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>449, 510</b>	<b>108, 212</b>	<b>557, 722</b>	<b>545, 521</b>	<b>99, 651</b>	<b>645, 172</b>	<b>624, 296</b>	<b>103, 888</b>	<b>728, 184</b>
<b>Total building construction .....</b>	<b>208, 784</b>	<b>59, 962</b>	<b>268, 746</b>	<b>242, 816</b>	<b>54, 087</b>	<b>296, 903</b>	<b>286, 628</b>	<b>56, 786</b>	<b>343, 414</b>
<b>Residential .....</b>	<b>89, 500</b>	<b>31, 400</b>	<b>120, 900</b>	<b>98, 900</b>	<b>31, 800</b>	<b>130, 700</b>	<b>113, 400</b>	<b>32, 900</b>	<b>146, 300</b>
<b>Industrial .....</b>	<b>27, 504</b>	<b>7, 686</b>	<b>35, 190</b>	<b>35, 049</b>	<b>5, 765</b>	<b>40, 814</b>	<b>24, 147</b>	<b>6, 360</b>	<b>30, 507</b>
2. Factories, plants, workshops, food canneries .....	24, 133	4, 865	28, 998	20, 753	3, 547	24, 300	14, 239	3, 893	18, 132
3. Mine and mine mill buildings .....	1, 617	355	1, 972	13, 068	327	13, 395	8, 102	445	8, 547
4. Railway stations, offices, roadway buildings .....	1, 359	1, 687	3, 046	639	1, 174	1, 813	942	1, 245	2, 187
5. Railway shops, engine houses, water and fuel stations .....	395	779	1, 174	589	717	1, 306	864	777	1, 641
<b>Commercial .....</b>	<b>32, 435</b>	<b>10, 471</b>	<b>42, 906</b>	<b>44, 340</b>	<b>7, 414</b>	<b>51, 754</b>	<b>49, 973</b>	<b>7, 597</b>	<b>57, 570</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4, 549	1, 125	5, 674	2, 859	982	3, 841	4, 444	1, 102	5, 546
7. Grain elevators .....	1, 583	1, 380	2, 963	2, 352	950	3, 302	1, 346	607	1, 953
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1, 993	931	2, 924	2, 000	696	2, 696	7, 662	561	8, 223
9. Office buildings .....	9, 090	3, 462	12, 552	16, 599	2, 276	18, 875	14, 217	2, 554	16, 771
10. Stores, retail and wholesale .....	8, 043	2, 151	10, 194	10, 379	1, 435	11, 814	9, 151	1, 707	10, 858
11. Garages and service stations .....	3, 291	863	4, 154	6, 105	747	6, 852	8, 179	762	8, 941
12. Theatres, arenas, amusement and recreational buildings .....	3, 796	518	4, 314	4, 026	298	4, 324	4, 852	240	5, 092
13. Laundries and dry cleaning establishments .....	90	41	131	20	30	50	122	64	186
<b>Institutional .....</b>	<b>40, 325</b>	<b>4, 294</b>	<b>44, 619</b>	<b>47, 208</b>	<b>3, 615</b>	<b>50, 823</b>	<b>56, 532</b>	<b>4, 433</b>	<b>60, 965</b>
14. Schools and other educational buildings .....	32, 248	1, 270	33, 518	36, 484	1, 691	38, 175	40, 720	2, 375	43, 095
15. Churches and other religious buildings .....	1, 596	361	1, 957	2, 361	237	2, 598	1, 794	216	2, 010
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4, 322	2, 274	6, 596	4, 363	1, 250	5, 613	6, 549	1, 471	8, 020
17. Other institutional buildings .....	2, 159	389	2, 548	4, 000	437	4, 437	7, 469	371	7, 840
<b>Other building construction .....</b>	<b>19, 020</b>	<b>6, 111</b>	<b>25, 131</b>	<b>17, 319</b>	<b>5, 493</b>	<b>22, 812</b>	<b>42, 576</b>	<b>5, 496</b>	<b>48, 072</b>
18. Farm buildings (excluding dwellings) .....	12, 141	4, 020	16, 161	12, 248	4, 020	16, 268	12, 223	4, 002	16, 225
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2, 817	413	3, 230	3, 304	456	3, 760	4, 329	420	4, 749
20. Aeroplane hangars .....	120	566	686	212	288	500	3, 105	311	3, 416
21. Passenger terminals, bus, boat or air .....	240	7	247	95	6	101	84	6	90
22. Armouries, barracks, drill halls, etc. ....	161	639	800	148	313	461	131	347	478
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3, 127	128	3, 255	644	186	830	1, 844	44	1, 888
24. Other building construction .....	414	338	752	668	224	892	20, 860	366	21, 226
<b>Total engineering construction .....</b>	<b>240, 726</b>	<b>48, 250</b>	<b>288, 976</b>	<b>302, 705</b>	<b>45, 564</b>	<b>348, 269</b>	<b>337, 668</b>	<b>47, 102</b>	<b>384, 770</b>
<b>Marine construction .....</b>	<b>5, 203</b>	<b>1, 255</b>	<b>6, 458</b>	<b>3, 485</b>	<b>673</b>	<b>4, 158</b>	<b>3, 442</b>	<b>653</b>	<b>4, 095</b>
25. Docks, wharves, piers, breakwaters .....	363	111	474	371	114	485	395	118	513
26. Retaining walls, embankments, riprapping .....	5	4	9	615	—	615	394	—	394
27. Canals and waterways .....	3, 138	182	3, 320	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	2, 000	10	2, 010	1, 925	3	1, 928
29. Dyke construction .....	1, 302	—	1, 302	135	6	141	405	—	405
30. Logging booms .....	—	—	—	—	65	65	—	—	—
31. Other marine construction .....	395	958	1, 353	364	478	842	323	532	855

See footnotes at end of table.



TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1967-69<sup>1,2,3</sup> — Concluded

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>46,499</b>	<b>8,451</b>	<b>54,950</b>	<b>42,646</b>	<b>8,282</b>	<b>50,928</b>	<b>36,979</b>	<b>8,941</b>	<b>45,920</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	23,716	5,159	28,875	21,755	4,894	26,649	19,981	4,839	24,820
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	8,216	1,544	9,760	7,306	1,200	8,506	5,697	1,255	6,952
34. Dirt, clay or other streets, roads, parking lots, etc. ....	347	144	491	492	77	569	334	111	445
35. Grading, scraping, oiling, filling .....	13,203	1,291	14,494	12,122	1,801	13,923	10,077	2,422	12,499
36. Sidewalks, paths .....	444	166	610	490	238	728	463	234	697
37. Aerodromes, landing fields, runways, tarmac .....	573	147	720	481	72	553	427	80	507
<b>Waterworks and sewage systems .....</b>	<b>14,614</b>	<b>3,891</b>	<b>18,505</b>	<b>23,604</b>	<b>5,738</b>	<b>29,342</b>	<b>21,791</b>	<b>4,731</b>	<b>26,522</b>
38. Tile drains, drainage ditches, storm sewers .....	3,220	1,051	4,271	9,675	2,607	12,282	8,458	1,830	10,288
39. Water mains, hydrants and services .....	3,057	1,845	4,902	5,844	1,999	7,843	3,959	2,018	5,977
40. Sewage systems and connections .....	6,105	698	6,803	7,491	831	8,322	7,056	568	7,624
41. Pumping stations, water .....	1,974	234	2,208	410	234	644	2,135	249	2,384
42. Water storage tanks .....	258	63	321	184	67	251	183	66	249
<b>Dams and irrigation .....</b>	<b>5,763</b>	<b>579</b>	<b>6,342</b>	<b>10,697</b>	<b>626</b>	<b>11,323</b>	<b>12,568</b>	<b>742</b>	<b>13,310</b>
43. Dams and reservoirs .....	4,284	80	4,364	9,219	136	9,355	11,101	213	11,314
44. Irrigation and land reclamation projects .....	1,479	499	1,978	1,478	490	1,968	1,467	529	1,996
<b>Electric power construction .....</b>	<b>71,710</b>	<b>3,300</b>	<b>75,010</b>	<b>125,457</b>	<b>2,821</b>	<b>128,278</b>	<b>169,793</b>	<b>2,967</b>	<b>172,760</b>
45. Electric power generating plants, including water conveying and controlling structures .....	42,477	761	43,238	72,081	1,395	73,476	82,389	1,531	83,920
46. Electric transformer stations .....	1,670	281	1,951	4,337	83	4,420	3,370	86	3,456
47. Power transmission and distribution lines, trolley wires .....	25,238	1,515	26,753	47,861	648	48,509	82,267	735	83,002
48. Street lighting .....	2,325	743	3,068	1,178	695	1,873	1,767	615	2,382
<b>Railway, telephone and telegraph .....</b>	<b>33,222</b>	<b>18,569</b>	<b>51,791</b>	<b>27,115</b>	<b>16,974</b>	<b>44,089</b>	<b>25,685</b>	<b>18,101</b>	<b>43,786</b>
49. Railway tracks and roadbed .....	19,358	11,931	31,289	12,461	10,866	23,327	12,258	11,315	23,573
50. Signals and interlockers .....	766	1,150	1,916	1,086	1,264	2,350	1,589	1,332	2,921
51. Telegraph and telephone lines, underground and marine cables .....	13,098	5,488	18,586	13,568	4,844	18,412	11,838	5,454	17,292
<b>Gas and oil facilities .....</b>	<b>22,837</b>	<b>2,496</b>	<b>25,333</b>	<b>28,347</b>	<b>839</b>	<b>29,186</b>	<b>25,444</b>	<b>907</b>	<b>26,351</b>
52. Gas mains and services .....	3,448	647	4,095	3,182	21	3,203	3,858	24	3,882
53. Pumping stations, oil .....	2,205	—	2,205	869	85	954	30	99	129
54. Pumping stations, gas .....	2,176	451	2,627	3,117	29	3,146	789	29	818
55. Oil storage tanks .....	421	130	551	386	127	513	643	145	788
56. Gas storage tanks .....	56	—	56	759	—	759	40	—	40
57. Oil pipe lines .....	8,232	543	8,775	835	112	947	59	128	187
58. Gas pipe lines .....	4,416	451	4,867	17,957	24	17,981	15,666	24	15,690
59. Oil wells .....	1,410	183	1,593	1,242	441	1,683	4,359	458	4,817
60. Gas wells .....	451	86	537	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	22	5	27	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>40,878</b>	<b>9,709</b>	<b>50,587</b>	<b>41,354</b>	<b>9,611</b>	<b>50,965</b>	<b>41,966</b>	<b>10,060</b>	<b>52,026</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	9,824	2,888	12,712	13,216	2,800	16,016	11,032	3,003	14,035
64. Tunnels and subways .....	148	5	153	105	1	106	93	2	95
65. Incinerators .....	5	12	17	5	6	11	4	8	12
66. Park systems, landscaping, sodding, etc. ....	1,729	188	1,917	1,399	127	1,526	1,316	151	1,467
67. Swimming pools, tennis courts, outdoor recreation facilities....	3,196	217	3,413	112	115	227	97	125	222
68. Mine shafts and other below surface workings .....	17,283	2,134	19,417	20,326	2,336	22,662	19,407	2,335	21,742
69. Fences, snowsheds, signs, guard rails .....	2,171	959	3,130	3,231	844	4,075	2,595	805	3,400
70. Other engineering construction .....	6,522	3,306	9,828	2,960	3,382	6,342	7,422	3,631	11,053

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".



**TABLE 25. Total Value of Construction Work Performed - New and Repair by Type of Structure - Saskatchewan, 1967 - 69<sup>1,2,3,4</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>551,251</b>	<b>117,387</b>	<b>668,638</b>	<b>562,889</b>	<b>109,678</b>	<b>672,567</b>	<b>541,719</b>	<b>113,739</b>	<b>655,458</b>
<b>Total building construction .....</b>	<b>270,672</b>	<b>58,506</b>	<b>329,178</b>	<b>276,125</b>	<b>57,073</b>	<b>333,198</b>	<b>284,999</b>	<b>57,731</b>	<b>342,730</b>
<b>Residential .....</b>	<b>104,100</b>	<b>30,600</b>	<b>134,700</b>	<b>122,600</b>	<b>31,000</b>	<b>153,600</b>	<b>136,400</b>	<b>33,100</b>	<b>169,500</b>
<b>Industrial .....</b>	<b>48,942</b>	<b>3,196</b>	<b>52,138</b>	<b>31,393</b>	<b>2,992</b>	<b>34,385</b>	<b>18,434</b>	<b>3,014</b>	<b>21,448</b>
2. Factories, plants, workshops, food canneries .....	17,458	1,492	18,950	7,053	1,093	8,146	7,177	926	8,103
3. Mine and mine mill buildings .....	30,067	121	30,188	23,306	372	23,678	9,847	459	10,306
4. Railway stations, offices, roadway buildings .....	1,034	1,102	2,136	571	953	1,524	829	1,029	1,858
5. Railway shops, engine houses, water and fuel stations .....	383	481	864	463	574	1,037	581	600	1,181
<b>Commercial .....</b>	<b>45,366</b>	<b>10,094</b>	<b>55,460</b>	<b>47,370</b>	<b>7,854</b>	<b>55,224</b>	<b>51,500</b>	<b>7,383</b>	<b>58,883</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,232	288	4,520	7,370	1,004	8,374	7,476	670	8,146
7. Grain elevators .....	6,811	3,746	10,557	6,554	2,982	9,536	5,593	2,607	8,200
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	646	642	1,288	3,236	568	3,804	2,673	612	3,285
9. Office buildings .....	8,830	1,335	10,165	8,711	990	9,701	15,143	1,081	16,224
10. Stores, retail and wholesale .....	13,696	2,785	16,481	11,180	1,460	12,640	12,034	1,496	13,530
11. Garages and service stations .....	2,684	651	3,335	3,072	568	3,640	4,266	618	4,884
12. Theatres, arenas, amusement and recreational buildings .....	8,446	629	9,075	7,247	264	7,511	4,315	287	4,602
13. Laundries and dry cleaning establishments .....	21	18	39	-	18	18	-	12	12
<b>Institutional .....</b>	<b>46,272</b>	<b>5,152</b>	<b>51,424</b>	<b>46,340</b>	<b>4,779</b>	<b>51,119</b>	<b>53,714</b>	<b>4,913</b>	<b>58,627</b>
14. Schools and other educational buildings .....	32,181	2,691	34,872	35,250	2,592	37,842	37,036	2,886	39,922
15. Churches and other religious buildings .....	2,580	159	2,739	710	315	1,025	721	191	912
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,312	2,139	9,451	7,718	1,650	9,368	10,273	1,575	11,848
17. Other institutional buildings .....	4,199	163	4,362	2,662	222	2,884	5,684	261	5,945
<b>Other building construction .....</b>	<b>25,992</b>	<b>9,464</b>	<b>35,456</b>	<b>28,422</b>	<b>10,448</b>	<b>38,870</b>	<b>24,951</b>	<b>9,321</b>	<b>34,272</b>
18. Farm buildings (excluding dwellings) .....	20,635	8,306	28,941	23,043	9,267	32,310	20,982	8,422	29,404
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,028	448	2,476	650	233	883	1,665	231	1,896
20. Aeroplane hangars .....	80	138	218	52	75	127	54	61	115
21. Passenger terminals, bus, boat or air .....	-	2	2	-	28	28	18	30	48
22. Armouries, barracks, drill halls, etc. ....	314	88	402	202	45	247	574	67	641
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	822	62	884	379	60	439	60	61	121
24. Other building construction .....	2,113	420	2,533	4,096	740	4,836	1,598	449	2,047
<b>Total engineering construction .....</b>	<b>280,579</b>	<b>58,881</b>	<b>339,460</b>	<b>286,764</b>	<b>52,605</b>	<b>339,369</b>	<b>256,720</b>	<b>56,008</b>	<b>312,728</b>
<b>Marine construction .....</b>	<b>91</b>	<b>75</b>	<b>166</b>	<b>337</b>	<b>68</b>	<b>405</b>	<b>442</b>	<b>78</b>	<b>520</b>
25. Docks, wharves, piers, breakwaters .....	86	74	160	247	68	315	343	70	413
26. Retaining walls, embankments, riprapping .....	-	-	-	85	-	85	94	-	94
27. Canals and waterways .....	-	-	-	5	-	5	5	8	13
28. Dredging and pile driving .....	-	-	-	-	-	-	-	-	-
29. Dyke construction .....	-	-	-	-	-	-	-	-	-
30. Logging booms .....	-	-	-	-	-	-	-	-	-
31. Other marine construction .....	5	1	6	-	-	-	-	-	-

See footnotes at end of table.

**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1967-69<sup>1,2,3,4</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>61,270</b>	<b>18,666</b>	<b>79,936</b>	<b>70,004</b>	<b>13,012</b>	<b>83,016</b>	<b>67,360</b>	<b>14,397</b>	<b>81,757</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	36,751	9,189	45,940	52,678	10,272	62,950	50,471	11,287	61,758
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	17,836	9,173	27,009	13,370	2,345	15,715	13,866	2,585	16,451
34. Dirt, clay or other streets, roads, parking lots, etc. ....	2,531	39	2,570	988	136	1,124	704	96	800
35. Grading, scraping, oiling, filling .....	240	33	273	208	24	232	47	29	76
36. Sidewalks, paths .....	3,204	165	3,369	2,237	209	2,446	1,729	372	2,101
37. Aerodromes, landing fields, runways, tarmac .....	708	67	775	523	26	549	543	28	571
<b>Waterworks and sewage systems .....</b>	<b>17,097</b>	<b>4,292</b>	<b>21,389</b>	<b>14,535</b>	<b>4,627</b>	<b>19,162</b>	<b>20,674</b>	<b>4,904</b>	<b>25,578</b>
38. Tile drains, drainage ditches, storm sewers .....	2,452	898	3,350	3,730	1,108	4,838	3,763	1,168	4,931
39. Water mains, hydrants and services .....	10,315	2,086	12,401	4,313	2,141	6,454	5,456	2,189	7,645
40. Sewage systems and connections .....	3,461	929	4,390	4,617	986	5,603	10,216	1,056	11,272
41. Pumping stations, water .....	259	252	511	1,142	240	1,382	918	354	1,272
42. Water storage tanks .....	610	127	737	733	152	885	321	137	458
<b>Dams and irrigation .....</b>	<b>10,783</b>	<b>1,897</b>	<b>12,680</b>	<b>12,500</b>	<b>2,489</b>	<b>14,989</b>	<b>13,284</b>	<b>2,418</b>	<b>15,702</b>
43. Dams and reservoirs .....	8,237	589	8,826	5,619	235	5,854	5,924	263	6,187
44. Irrigation and land reclamation projects .....	2,546	1,308	3,854	6,881	2,254	9,135	7,360	2,155	9,515
<b>Electric power construction .....</b>	<b>38,433</b>	<b>2,186</b>	<b>40,619</b>	<b>34,086</b>	<b>4,150</b>	<b>38,236</b>	<b>30,913</b>	<b>4,411</b>	<b>35,324</b>
45. Electric power generating plants, including water conveying and controlling structures .....	21,391	839	22,230	21,153	2,068	23,221	17,279	2,163	19,442
46. Electric transformer stations .....	2,787	311	3,098	3,618	285	3,903	3,567	331	3,898
47. Power transmission and distribution lines, trolley wires .....	13,059	851	13,910	8,091	1,657	9,748	8,763	1,754	10,517
48. Street lighting .....	1,196	185	1,381	1,224	140	1,364	1,304	163	1,467
<b>Railway, telephone and telegraph .....</b>	<b>17,368</b>	<b>14,190</b>	<b>31,558</b>	<b>15,020</b>	<b>11,641</b>	<b>26,661</b>	<b>15,617</b>	<b>12,273</b>	<b>27,890</b>
49. Railway tracks and roadbed .....	7,394	10,595	17,989	6,975	9,004	15,979	8,627	9,437	18,064
50. Signals and interlockers .....	748	941	1,689	855	1,092	1,947	1,107	1,147	2,254
51. Telegraph and telephone lines, underground and marine cables .....	9,226	2,654	11,880	7,190	1,545	8,735	5,883	1,689	7,572
<b>Gas and oil facilities .....</b>	<b>44,995</b>	<b>12,158</b>	<b>57,153</b>	<b>47,688</b>	<b>12,246</b>	<b>59,934</b>	<b>53,330</b>	<b>13,189</b>	<b>66,519</b>
52. Gas mains and services .....	3,130	762	3,892	2,768	1,018	3,786	2,644	1,083	3,727
53. Pumping stations, oil .....	1,116	—	1,116	1,177	347	1,524	164	349	513
54. Pumping stations, gas .....	2,357	396	2,753	8,189	67	8,256	2,256	67	2,323
55. Oil storage tanks .....	975	189	1,164	387	407	794	510	435	945
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	30,039	7,128	37,167	29,307	7,086	36,393	44,125	8,571	52,696
60. Gas wells .....	6,647	1,576	8,223	4,464	1,073	5,537	1,528	303	1,831
61. Oil refinery—Processing units <sup>4</sup> .....	244	1,738	1,982	582	1,971	2,553	1,103	2,194	3,297
62. Natural gas cleaning plants .....	487	369	856	814	277	1,091	1,000	187	1,187
<b>Other engineering construction .....</b>	<b>90,542</b>	<b>5,417</b>	<b>95,959</b>	<b>92,594</b>	<b>4,372</b>	<b>96,966</b>	<b>55,100</b>	<b>4,338</b>	<b>59,438</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	6,256	620	6,876	4,525	751	5,276	4,061	805	4,866
64. Tunnels and subways .....	508	22	530	765	17	782	33	16	49
65. Incinerators .....	2	—	2	1	—	1	1	—	1
66. Park systems, landscaping, sodding, etc. ....	79	39	118	1,053	31	1,084	2,273	26	2,299
67. Swimming pools, tennis courts, outdoor recreation facilities....	87	64	151	539	57	596	858	49	907
68. Mine shafts and other below surface workings .....	47,755	338	48,093	38,854	394	39,248	11,855	463	12,318
69. Fences, snowsheds, signs, guard rails .....	3,361	1,530	4,891	3,749	1,586	5,335	3,558	1,459	5,017
70. Other engineering construction .....	32,494	2,804	35,298	43,108	1,536	44,644	32,461	1,520	33,981

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

<sup>4</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.



**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1967-69<sup>1, 2, 3</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,129,324</b>	<b>218,913</b>	<b>1,348,237</b>	<b>1,253,191</b>	<b>212,202</b>	<b>1,465,393</b>	<b>1,328,103</b>	<b>233,049</b>	<b>1,561,152</b>
<b>Total building construction .....</b>	<b>508,377</b>	<b>114,275</b>	<b>622,652</b>	<b>572,609</b>	<b>114,794</b>	<b>687,403</b>	<b>642,503</b>	<b>126,322</b>	<b>768,825</b>
<b>Residential .....</b>	<b>186,100</b>	<b>58,500</b>	<b>244,600</b>	<b>267,100</b>	<b>59,500</b>	<b>326,600</b>	<b>290,000</b>	<b>63,600</b>	<b>353,600</b>
<b>Industrial .....</b>	<b>18,494</b>	<b>8,189</b>	<b>26,683</b>	<b>16,891</b>	<b>5,860</b>	<b>22,751</b>	<b>14,002</b>	<b>6,091</b>	<b>20,093</b>
2. Factories, plants, workshops, food canneries .....	17,044	6,324	23,368	15,366	4,061	19,427	11,726	4,210	15,936
3. Mine and mine mill buildings .....	134	—	134	102	59	161	56	50	106
4. Railway stations, offices, roadway buildings .....	999	1,323	2,322	660	1,095	1,755	1,012	1,156	2,168
5. Railway shops, engine houses, water and fuel stations .....	317	542	859	763	645	1,408	1,208	675	1,883
<b>Commercial .....</b>	<b>93,335</b>	<b>23,007</b>	<b>116,342</b>	<b>94,268</b>	<b>18,815</b>	<b>113,083</b>	<b>118,070</b>	<b>21,267</b>	<b>139,337</b>
6. Warehouses, storehouses, refrigerated storage, etc .....	12,211	970	13,181	19,657	2,455	22,112	18,488	2,947	21,435
7. Grain elevators .....	2,516	2,009	4,525	594	983	1,577	904	807	1,711
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,835	1,506	8,341	8,777	1,394	10,171	4,774	1,396	6,170
9. Office buildings .....	41,307	10,758	52,065	37,236	8,412	45,648	62,424	9,881	72,305
10. Stores, retail and wholesale .....	15,750	4,700	20,450	12,429	3,061	15,490	19,652	3,380	23,032
11. Garages and service stations .....	5,126	1,444	6,570	7,159	1,116	8,275	6,677	1,282	7,959
12. Theatres, arenas, amusement and recreational buildings .....	9,524	1,533	11,057	8,345	1,291	9,636	4,948	1,480	6,428
13. Laundries and dry cleaning establishments .....	66	87	153	71	103	174	203	94	297
<b>Institutional .....</b>	<b>164,323</b>	<b>11,573</b>	<b>175,896</b>	<b>139,308</b>	<b>16,343</b>	<b>155,651</b>	<b>160,135</b>	<b>19,961</b>	<b>180,096</b>
14. Schools and other educational buildings .....	125,560	7,357	132,917	98,583	8,216	106,799	112,541	10,474	123,015
15. Churches and other religious buildings .....	3,818	305	4,123	3,145	191	3,336	2,347	219	2,566
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	25,710	3,523	29,233	27,243	4,403	31,646	29,855	4,991	34,846
17. Other institutional buildings .....	9,235	388	9,623	10,337	3,533	13,870	15,392	4,277	19,669
<b>Other building construction .....</b>	<b>46,125</b>	<b>13,006</b>	<b>59,131</b>	<b>55,042</b>	<b>14,276</b>	<b>69,318</b>	<b>60,296</b>	<b>15,403</b>	<b>75,699</b>
18. Farm buildings (excluding dwellings) .....	35,719	9,464	45,183	38,743	10,453	49,196	39,641	10,875	50,516
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,574	532	4,106	2,593	654	3,247	6,900	720	7,620
20. Aeroplane hangars .....	301	255	556	116	255	371	132	275	407
21. Passenger terminals, bus, boat or air .....	1,290	38	1,328	1,377	38	1,415	5,251	146	5,397
22. Armouries, barracks, drill halls, etc. ....	412	1,232	1,644	421	586	1,007	478	685	1,163
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	540	113	653	835	362	1,197	473	517	990
24. Other building construction .....	4,289	1,372	5,661	10,957	1,928	12,885	7,421	2,185	9,606
<b>Total engineering construction .....</b>	<b>620,947</b>	<b>104,638</b>	<b>725,585</b>	<b>680,582</b>	<b>97,408</b>	<b>777,990</b>	<b>685,600</b>	<b>106,727</b>	<b>792,327</b>
<b>Marine construction .....</b>	<b>1,665</b>	<b>424</b>	<b>2,089</b>	<b>1,767</b>	<b>231</b>	<b>1,998</b>	<b>2,644</b>	<b>264</b>	<b>2,908</b>
25. Docks, wharves, piers, breakwaters .....	206	94	300	213	75	288	448	80	528
26. Retaining walls, embankments, riprapping .....	5	5	10	5	—	5	6	—	6
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	—	—	—	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	1,454	325	1,779	1,549	156	1,705	2,190	184	2,374

See footnotes at end of table.



**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1967-69<sup>1,2,3</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>79,797</b>	<b>37,436</b>	<b>117,233</b>	<b>66,040</b>	<b>21,256</b>	<b>87,296</b>	<b>68,761</b>	<b>22,043</b>	<b>90,804</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	54,395	28,329	82,724	45,896	14,942	60,838	53,670	15,866	69,536
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	13,070	8,321	21,391	9,915	4,719	14,634	11,897	4,503	16,400
34. Dirt, clay or other streets, roads, parking lots, etc. ....	379	93	472	381	114	495	173	93	266
35. Grading, scraping, oiling, filling .....	9,415	7	9,422	6,914	924	7,838	680	933	1,613
36. Sidewalks, paths .....	2,195	524	2,719	2,627	367	2,994	2,048	452	2,500
37. Aerodromes, landing fields, runways, tarmac .....	343	162	505	307	190	497	293	196	489
<b>Waterworks and sewage systems .....</b>	<b>27,806</b>	<b>5,177</b>	<b>32,983</b>	<b>38,094</b>	<b>5,270</b>	<b>43,364</b>	<b>46,136</b>	<b>5,283</b>	<b>51,419</b>
38. Tile drains, drainage ditches, storm sewers .....	3,917	1,072	4,989	10,153	1,133	11,286	13,189	1,166	14,355
39. Water mains, hydrants and services .....	9,151	3,028	12,179	11,264	3,149	14,413	10,100	3,010	13,110
40. Sewage systems and connections .....	12,231	770	13,001	12,349	674	13,023	18,964	781	19,745
41. Pumping stations, water .....	1,341	148	1,489	2,097	134	2,231	2,112	147	2,259
42. Water storage tanks .....	1,166	159	1,325	2,231	180	2,411	1,771	179	1,950
<b>Dams and irrigation .....</b>	<b>8,984</b>	<b>1,988</b>	<b>10,972</b>	<b>11,101</b>	<b>1,698</b>	<b>12,799</b>	<b>13,935</b>	<b>1,776</b>	<b>15,711</b>
43. Dams and reservoirs .....	1,337	352	1,689	4,951	172	5,123	7,806	199	8,005
44. Irrigation and land reclamation projects .....	7,647	1,636	9,283	6,150	1,526	7,676	6,129	1,577	7,706
<b>Electric power construction .....</b>	<b>26,911</b>	<b>4,977</b>	<b>31,888</b>	<b>43,826</b>	<b>6,701</b>	<b>50,527</b>	<b>41,438</b>	<b>7,820</b>	<b>49,258</b>
45. Electric power generating plants, including water conveying and controlling structures .....	6,604	648	7,252	7,303	786	8,089	6,855	858	7,713
46. Electric transformer stations .....	3,953	668	4,621	8,328	691	9,019	7,598	764	8,362
47. Power transmission and distribution lines, trolley wires .....	14,489	2,110	16,599	25,409	4,317	29,726	23,898	5,070	28,968
48. Street lighting .....	1,865	1,551	3,416	2,786	907	3,693	3,087	1,128	4,215
<b>Railway, telephone and telegraph .....</b>	<b>72,287</b>	<b>16,645</b>	<b>88,932</b>	<b>56,172</b>	<b>16,629</b>	<b>72,801</b>	<b>32,994</b>	<b>17,525</b>	<b>50,519</b>
49. Railway tracks and roadbed .....	47,440	11,634	59,074	30,074	11,274	41,348	15,020	11,782	26,802
50. Signals and interlockers .....	1,233	986	2,219	1,344	1,191	2,535	1,668	1,254	2,922
51. Telegraph and telephone lines, underground and marine cables .....	23,614	4,025	27,639	24,754	4,164	28,918	16,306	4,489	20,795
<b>Gas and oil facilities .....</b>	<b>312,623</b>	<b>29,429</b>	<b>342,052</b>	<b>371,694</b>	<b>36,692</b>	<b>408,386</b>	<b>411,735</b>	<b>40,566</b>	<b>452,301</b>
52. Gas mains and services .....	5,177	1,043	6,220	22,873	1,840	24,713	43,870	2,032	45,902
53. Pumping stations, oil .....	1,250	5	1,255	4,244	704	4,948	3,939	770	4,709
54. Pumping stations, gas .....	3,253	199	3,452	9,820	432	10,252	17,500	784	18,284
55. Oil storage tanks .....	1,850	203	2,053	3,656	264	3,920	1,207	221	1,428
56. Gas storage tanks .....	173	37	210	—	—	—	—	—	—
57. Oil pipe lines .....	29,906	1,248	31,154	31,354	1,379	32,733	23,004	1,178	24,182
58. Gas pipe lines .....	10,199	891	11,090	7,272	297	7,569	1,690	315	2,005
59. Oil wells .....	131,822	9,153	140,975	170,420	17,798	188,218	185,911	20,410	206,321
60. Gas wells .....	69,009	4,784	73,793	55,690	5,801	61,491	62,986	5,604	68,590
61. Oil refinery—Processing units <sup>3</sup> .....	7,400	2,826	10,226	2,254	2,477	4,731	9,601	2,949	12,550
62. Natural gas cleaning plants .....	52,584	9,040	61,624	64,111	5,700	69,811	62,027	6,303	68,330
<b>Other engineering construction .....</b>	<b>90,874</b>	<b>8,562</b>	<b>99,436</b>	<b>91,888</b>	<b>8,931</b>	<b>100,819</b>	<b>67,957</b>	<b>11,450</b>	<b>79,407</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	31,042	4,531	35,573	26,216	4,707	30,923	22,584	4,556	27,140
64. Tunnels and subways .....	1,560	15	1,575	—	—	—	—	—	—
65. Incinerators .....	5	33	38	5	19	24	6	20	26
66. Park systems, landscaping, sodding, etc. ....	1,551	399	1,950	1,907	417	2,324	1,474	872	2,346
67. Swimming pools, tennis courts, outdoor recreation facilities ....	270	21	291	326	305	631	364	273	637
68. Mine shafts and other below surface workings .....	394	22	416	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	6,759	1,781	8,540	6,658	1,832	8,490	6,929	1,881	8,810
70. Other engineering construction .....	49,293	1,760	51,053	56,776	1,651	58,427	36,600	3,848	40,448

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

**TABLE 27. Total Value of Construction Work Performed — New and Repair by Type of Structure — British Columbia, 1967 - 69<sup>1,2,3,4,5</sup>**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,395,494</b>	<b>225,465</b>	<b>1,620,959</b>	<b>1,381,027</b>	<b>215,999</b>	<b>1,597,026</b>	<b>1,441,706</b>	<b>238,070</b>	<b>1,679,776</b>
<b>Total building construction .....</b>	<b>701,059</b>	<b>144,642</b>	<b>845,701</b>	<b>762,753</b>	<b>140,239</b>	<b>902,992</b>	<b>833,183</b>	<b>150,652</b>	<b>983,835</b>
<b>Residential .....</b>	<b>352,700</b>	<b>84,200</b>	<b>436,900</b>	<b>422,100</b>	<b>86,600</b>	<b>508,700</b>	<b>455,700</b>	<b>93,400</b>	<b>549,100</b>
<b>Industrial .....</b>	<b>72,661</b>	<b>17,761</b>	<b>90,422</b>	<b>78,071</b>	<b>14,948</b>	<b>93,019</b>	<b>101,908</b>	<b>16,636</b>	<b>118,544</b>
2. Factories, plants, workshops, food canneries ....	56,147	14,940	71,087	47,438	12,367	59,805	79,915	13,925	93,840
3. Mine and mine mill buildings .....	13,002	824	13,826	28,847	478	29,325	18,432	496	18,928
4. Railway stations, offices, roadway buildings .....	1,923	1,411	3,334	924	1,328	2,252	1,235	1,406	2,641
5. Railway shops, engine houses, water and fuel stations .....	1,589	586	2,175	862	775	1,637	2,326	809	3,135
<b>Commercial .....</b>	<b>122,083</b>	<b>18,383</b>	<b>140,466</b>	<b>123,266</b>	<b>21,301</b>	<b>144,567</b>	<b>116,296</b>	<b>20,676</b>	<b>136,972</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	16,582	2,481	19,063	15,236	2,139	17,375	9,623	2,339	11,962
7. Grain elevators .....	12,399	442	12,841	11,121	41	11,162	1,547	32	1,579
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	13,336	2,603	15,939	9,911	3,332	13,243	15,217	3,559	18,776
9. Office buildings .....	32,386	4,887	37,273	46,253	5,844	52,097	35,549	6,725	42,274
10. Stores, retail and wholesale .....	19,667	5,512	25,179	23,195	4,558	27,753	31,524	5,318	36,842
11. Garages and service stations .....	7,594	1,379	8,973	8,864	1,148	10,012	11,839	1,475	13,314
12. Theatres, arenas, amusement and recreational buildings .....	19,737	938	20,675	7,584	4,105	11,689	10,870	1,080	11,950
13. Laundries and dry cleaning establishments .....	382	141	523	1,102	134	1,236	127	148	275
<b>Institutional .....</b>	<b>117,720</b>	<b>12,687</b>	<b>130,407</b>	<b>96,597</b>	<b>12,164</b>	<b>108,761</b>	<b>114,467</b>	<b>14,237</b>	<b>128,704</b>
14. Schools and other educational buildings .....	75,616	6,107	81,723	52,844	6,417	59,261	69,713	7,311	77,024
15. Churches and other religious buildings .....	1,498	288	1,786	2,443	414	2,857	1,974	495	2,469
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	22,662	3,933	26,595	29,412	3,680	33,092	34,489	4,597	39,086
17. Other institutional buildings .....	17,944	2,359	20,303	11,898	1,653	13,551	8,291	1,834	10,125
<b>Other building construction .....</b>	<b>35,895</b>	<b>11,611</b>	<b>47,506</b>	<b>42,719</b>	<b>5,226</b>	<b>47,945</b>	<b>44,812</b>	<b>5,703</b>	<b>50,515</b>
18. Farm buildings (excluding dwellings) .....	8,663	2,217	10,880	7,624	1,779	9,403	7,402	1,680	9,082
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,882	618	4,500	5,307	773	6,080	4,751	821	5,572
20. Aeroplane hangars .....	1,668	442	2,110	10,194	62	10,256	11,457	93	11,550
21. Passenger terminals, bus, boat or air .....	10,497	180	10,677	8,941	17	8,958	9,227	17	9,244
22. Armouries, barracks, drill halls, etc. ....	1,153	563	1,716	886	456	1,342	814	669	1,483
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	4,993	1,676	6,669	4,477	1,353	5,830	3,699	1,498	5,197
24. Other building construction .....	5,039	5,915	10,954	5,290	786	6,076	7,462	925	8,387
<b>Total engineering construction .....</b>	<b>694,435</b>	<b>80,823</b>	<b>775,258</b>	<b>618,274</b>	<b>75,760</b>	<b>694,034</b>	<b>608,523</b>	<b>87,418</b>	<b>695,941</b>
<b>Marine construction .....</b>	<b>17,189</b>	<b>5,712</b>	<b>22,901</b>	<b>20,053</b>	<b>5,767</b>	<b>25,820</b>	<b>13,092</b>	<b>5,996</b>	<b>19,088</b>
25. Docks, wharves, piers, breakwaters .....	10,553	3,476	14,029	13,524	3,742	17,266	7,591	3,402	10,993
26. Retaining walls, embankments, riprapping.....	2,263	3	2,266	197	15	212	168	20	188
27. Canals and waterways .....	1	19	20	174	1	175	162	2	164
28. Dredging and pile driving .....	3,519	423	3,942	2,417	428	2,845	2,492	478	2,970
29. Dyke construction .....	13	38	51	234	32	266	160	53	213
30. Logging booms .....	186	272	458	130	339	469	107	258	365
31. Other marine construction .....	654	1,481	2,135	3,377	1,210	4,587	2,412	1,783	4,195

See footnotes at end of table.



**TABLE 27. Total Value of Construction Work Performed—New and Repair by Type of Structure—British Columbia, 1967-69<sup>1,2,3,4,5</sup>—Concluded**

Type of structure	1967			1968			1969		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>144,974</b>	<b>25,925</b>	<b>170,899</b>	<b>129,448</b>	<b>20,478</b>	<b>149,926</b>	<b>127,929</b>	<b>28,050</b>	<b>155,979</b>
32. Hard surfaced or paved streets, highways, parking lots, etc.	30,431	5,124	35,555	33,806	5,129	38,935	35,351	7,646	42,997
33. Gravel or stone streets, highways, roads, parking lots, etc.	84,590	15,366	99,956	41,727	4,979	46,706	35,588	8,293	43,881
34. Dirt, clay or other streets, roads, parking lots, etc.	21,527	4,860	26,387	36,572	7,762	44,334	39,655	8,968	48,623
35. Grading, scraping, oiling, filling	495	120	615	10,809	2,197	13,006	10,704	2,695	13,399
36. Sidewalks, paths	1,704	349	2,053	1,789	334	2,123	2,276	332	2,608
37. Aerodromes, landing fields, runways, tarmac	6,227	106	6,333	4,745	77	4,822	4,355	116	4,471
<b>Waterworks and sewage systems</b> .....	<b>29,233</b>	<b>6,407</b>	<b>35,640</b>	<b>34,027</b>	<b>6,057</b>	<b>40,084</b>	<b>39,145</b>	<b>6,435</b>	<b>45,580</b>
38. Tile drains, drainage ditches, storm sewers	1,192	290	1,482	8,847	733	9,580	5,796	725	6,521
39. Water mains, hydrants and services	13,301	3,868	17,169	10,746	3,460	14,206	11,721	3,707	15,428
40. Sewage systems and connections	12,706	1,977	14,683	12,226	1,447	13,673	20,740	1,578	22,318
41. Pumping stations, water	1,077	202	1,279	1,801	352	2,153	488	358	846
42. Water storage tanks	957	70	1,027	407	65	472	400	67	467
<b>Dams and irrigation</b> .....	<b>107,237</b>	<b>858</b>	<b>108,095</b>	<b>83,400</b>	<b>480</b>	<b>83,880</b>	<b>74,062</b>	<b>505</b>	<b>74,567</b>
43. Dams and reservoirs	106,094	361	106,455	81,915	219	82,134	72,878	231	73,109
44. Irrigation and land reclamation projects	1,143	497	1,640	1,485	261	1,746	1,184	274	1,458
<b>Electric power construction</b> .....	<b>162,338</b>	<b>8,960</b>	<b>171,298</b>	<b>125,285</b>	<b>9,102</b>	<b>134,387</b>	<b>89,065</b>	<b>10,430</b>	<b>99,495</b>
45. Electric power generating plants, including water conveying and controlling structures	79,272	2,911	82,183	46,443	3,272	49,715	8,886	4,049	12,935
46. Electric transformer stations	2,533	82	2,615	3,571	160	3,731	1,247	181	1,428
47. Power transmission and distribution lines, trolley wires	78,555	5,680	84,235	73,423	5,327	78,750	76,885	5,837	82,722
48. Street lighting	1,978	287	2,265	1,848	343	2,191	2,047	363	2,410
<b>Railway, telephone and telegraph</b> .....	<b>43,484</b>	<b>19,372</b>	<b>62,856</b>	<b>41,502</b>	<b>20,532</b>	<b>62,034</b>	<b>69,461</b>	<b>21,766</b>	<b>91,227</b>
49. Railway tracks and roadbed	22,441	13,676	36,117	19,982	14,244	34,226	42,491	15,047	57,538
50. Signals and interlockers	2,302	1,078	3,380	1,760	1,410	3,170	2,986	1,481	4,467
51. Telegraph and telephone lines, underground and marine cables	18,741	4,618	23,359	19,760	4,878	24,638	23,984	5,238	29,222
<b>Gas and oil facilities</b> .....	<b>74,499</b>	<b>5,745</b>	<b>80,244</b>	<b>83,129</b>	<b>6,518</b>	<b>89,647</b>	<b>106,083</b>	<b>6,988</b>	<b>113,071</b>
52. Gas mains and services	5,621	741	6,362	8,858	1,109	9,967	7,216	1,213	8,429
53. Pumping stations, oil	903	119	1,022	146	283	429	410	313	723
54. Pumping stations, gas	8	—	8	1,715	—	1,715	54	—	54
55. Oil storage tanks	1,926	431	2,357	1,464	295	1,759	1,947	347	2,294
56. Gas storage tanks	619	3	622	449	30	479	638	26	664
57. Oil pipe lines	600	989	1,589	232	504	736	1,590	506	2,096
58. Gas pipe lines <sup>3</sup>	—	—	—	—	—	—	—	—	—
59. Oil wells	32,417	745	33,162	38,875	1,156	40,031	58,810	1,132	59,942
60. Gas wells	15,818	364	16,182	21,021	586	21,607	21,652	572	22,224
61. Oil refinery—Processing units <sup>4</sup>	4,152	2,210	6,362	9,555	2,389	11,944	12,734	2,711	15,445
62. Natural gas cleaning plants	12,435	143	12,578	814	166	980	1,032	168	1,200
<b>Other engineering construction</b> .....	<b>115,481</b>	<b>7,844</b>	<b>123,325</b>	<b>101,430</b>	<b>6,826</b>	<b>108,256</b>	<b>89,686</b>	<b>7,248</b>	<b>96,934</b>
63. Bridges, trestles, culverts, overpasses, viaducts	14,243	4,240	18,483	14,181	3,958	18,139	25,594	4,318	29,912
64. Tunnels and subways	5,067	—	5,067	681	—	681	3,256	—	3,256
65. Incinerators	95	6	101	123	—	123	40	2	42
66. Park systems, landscaping, sodding, etc.	756	573	1,329	1,604	1,047	2,651	1,044	1,197	2,241
67. Swimming pools, tennis courts, outdoor recreation facilities	1,913	37	1,950	218	33	251	470	49	519
68. Mine shafts and other below surface workings	35,430	243	35,673	46,545	390	46,935	36,574	264	36,838
69. Fences, snowsheds, signs, guard rails	1,789	1,278	3,067	1,635	510	2,145	1,344	528	1,872
70. Other engineering construction	56,188	1,467	57,655	36,443	888	37,331	21,364	890	22,254

<sup>1</sup> Actual 1967, preliminary 1968, intentions 1969.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering".

<sup>4</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>5</sup> Includes Northwest Territories and Yukon.



## STATISTICAL NOTES

### Sources

The statistics presented in this report are based largely on information received from organizations and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys:

(a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises and

(b) the construction survey of government departments which provided much of the remainder.

In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees.

### Coverage and Reliability of Estimates

Of the total value of construction shown, about 75 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1969"

The figures on value of work in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In Manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1966 of all the firms in each industry by the corresponding 1966 total for the firms reporting in the 1969 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1966 and 1969 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the Utilities, Trade Finance and Institutional and Commercial Services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 75 per cent of the total, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for type of structure, individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1968 preliminary actual figures and the 1969 forecast figures were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1968 to 1969 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1967 and 1968, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1969 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1969.

The data on the 1969 construction expenditures are aggregates of the expectations of individual respondents and are therefore subject to fluctuations caused by a number of internal and external factors such as: weather conditions, strikes, availability of credit, availability of skilled trades and material resources, government action and other such factors

### Labour and Material Content

The 1967 Survey of Contractors and Sub-Contractors provides the basic data for deriving ratios of labour and material content. The estimates of labour and materials are derived by applying the ratios of these items to the total value of work performed. The ratios used to breakdown the own-account portion are derived from the Capital Expenditures Survey. The estimation of the withdrawals of owners and partners is derived from "Taxation Statistics" published by the Department of National Revenue.

To obtain the number of employees the average annual earnings of contractors and sub-contractors

were obtained from the results of the 1963 Contractors Survey. These figures were inflated to allow for salary and wage increases, and were subsequently divided into the estimated total of salaries and wages for 1967, 1968 and 1969.

The Labour Series as published in "Construction in Canada" is intended to reflect the labour content in terms of equivalent man years of a specific volume of construction. It is an estimate of the total number of persons, employers, own-account, and paid workers engaged in Construction activity.

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1968-70



DOMINION BUREAU OF STATISTICS





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## INTRODUCTION

This report contains data on the total value of construction put in place during 1968 and 1969 and provides estimates of the intended programme for 1970. The information presented for 1969 is preliminary whereas that shown for 1968 and earlier years is final.

The estimates are based mainly on data collected earlier by the DBS for the publication "Private and Public Investment in Canada, Outlook

1970". The report "Private and Public Investment in Canada" provides data by industry and by area, while the present report "Construction in Canada" shows estimates for about 70 different types of structures. The total construction programme is also cross-classified by type of structure, industry, province, new and repair work, own account and contract work, constant and current dollars, etc. Also included are statistics on cost of materials used and on the labour content of the value of construction put in place.

## DEFINITIONS

Construction activity is defined for purposes of this report as the creation of fixed capital in the form of buildings, bridges, highways, port facilities, hydro-electric installations and other such structures; also included are outlays for additions, alterations and repairs to these structures.

Construction activity includes both "own account construction" and "contract" construction. "Own account" is that portion of the construction activity performed by an establishment primarily engaged in some business other than construction for its own account and performed by its own employees, as well as individuals engaging in new construction and repairs for their own use.

New construction comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended.

Repair construction consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

The data for the value of construction put in place includes all costs incurred directly or indirectly by the organization or individual paying for the erection of a new structure.

## GENERAL REVIEW

Expenditures on construction type goods and services for 1970 are expected to rise to about \$13.9 billion from about \$13.0 billion in 1969 or by 6.8 per cent. The 1970 percentage increase over the previous year compares with increases of 5.1 per cent and 6.6 per cent realized in 1968 and 1969 respectively. With the exceptions of Manitoba and Saskatchewan, all provinces are expected to record increases in construction expenditures in 1970.

The intended 1970 spending on new construction at \$11.4 billion will probably be 7.2 per cent higher than 1969; while the repair portion, amounting to just over \$2.4 billion, will show an approximate increase of 5.1 per cent. The proportion of the complete programme, to be performed under contract during 1970 will remain comparable to last year's proportion (81.3 per cent). Of the total value of construction to be put in place during 1970, the engineering portion is estimated to account for 41.2 per cent of total activity and will probably show an increase of 12 per cent over the previous year. The strength (dollar volume) in the engineering

group of structures is primarily due to projects classified under gas and oil facilities (regrouped in part in other engineering). The greatest percentage increase in the engineering group of structures will probably occur in the category of dams and irrigation facilities. Building construction will probably rise by 3.5 per cent with the largest dollar volume increases in commercial and institutional buildings. The largest percentage volume increases will probably occur in commercial and industrial buildings.

The analysis of the total value of work to be put in place in 1970 by the various industries reveals some significant variations over 1969. The manufacturing sector shows the largest percentage increase (20.8 per cent) while the largest increase in terms of dollar volume will probably occur in the utilities sector. New housing activity, on the other hand, is likely to decline in 1970, with present estimates providing for a housing programme to be about 5 per cent below the 1969 level.



**TABLE A. Total Value of Construction Work Performed - Percentage Variation from Year to Year  
in Terms of Current and Constant Dollars, 1961 - 70<sup>1,2,3</sup>**

Year	Current dollars		Constant 1961 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1961 .....	7,086	1.9	7,086	3.2
1962 .....	7,343	3.6	7,281	2.8
1963 .....	7,715	5.1	7,454	2.4
1964 .....	8,662	12.3	8,181	9.8
1965 .....	9,929	14.6	8,785	7.4
1966 .....	11,235	13.2	9,331	6.2
1967 .....	11,620	3.4	9,576	2.6
1968 .....	12,214	5.1	9,674	1.0
1969 .....	13,022	6.6	9,673	-
1970 .....	13,911	6.8	-	-

<sup>1</sup> For the Dominion Bureau of Statistics report "Private and Public Investment in Canada" the total value of construction work performed amounted to \$13,019 millions in 1969 and \$13,910 millions in 1970. The small differences are due to rounding procedures.

<sup>2</sup> Actual expenditures 1961-68, preliminary actual 1969, intentions 1970.

<sup>3</sup> See footnote 2, Table 1.

**TABLE B. Capital and Repair Expenditures - Summary by Sectors, Canada, 1968 - 70<sup>1,2,3</sup>**

Type of enterprise		Capital expenditures			Repair expenditures			Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Total
millions of dollars										
Agriculture and fishing <sup>2</sup> .....	1968	253	769	1,022	98	225	323	351	994	1,345
	1969	243	747	990	95	225	320	338	972	1,310
	1970	245	753	998	97	232	329	342	985	1,327
Forestry .....	1968	37	40	77	14	44	58	51	84	135
	1969	48	51	99	16	48	64	64	99	163
	1970	49	53	102	16	48	64	65	101	166
Mining, quarrying and oil wells <sup>3</sup> .....	1968	782	292	1,074	108	229	337	890	521	1,411
	1969	786	310	1,096	126	227	353	912	537	1,449
	1970	858	309	1,167	138	257	395	996	566	1,562
Manufacturing .....	1968	657	1,542	2,199	193	1,039	1,232	850	2,581	3,431
	1969	742	1,802	2,544	196	1,065	1,261	938	2,867	3,805
	1970	932	2,222	3,154	201	1,115	1,316	1,133	3,337	4,470
Utilities .....	1968	1,774	1,446	3,220	361	709	1,070	2,135	2,155	4,290
	1969	1,845	1,508	3,353	363	763	1,126	2,208	2,271	4,479
	1970	2,091	1,518	3,609	400	846	1,246	2,491	2,364	4,855
Construction industry .....	1968	14	240	254	6	190	196	20	430	450
	1969	14	245	259	6	210	216	20	455	475
	1970	15	250	265	6	210	216	21	460	481
Housing .....	1968	2,806	—	2,806	780	—	780	3,586	—	3,586
	1969	3,370	—	3,370	844	—	844	4,214	—	4,214
	1970	3,200	—	3,200	865	—	865	4,065	—	4,065
Trade—Wholesale and retail .....	1968	199	311	510	66	79	145	265	390	655
	1969	187	302	489	59	63	122	246	365	611
	1970	225	299	524	55	65	120	280	364	644
Finance, insurance and real estate .....	1968	399	90	489	33	12	45	432	102	534
	1969	411	124	535	35	11	46	446	135	581
	1970	481	118	599	38	12	50	519	130	649
Commercial services .....	1968	112	361	473	27	83	110	139	444	583
	1969	100	441	541	24	87	111	124	528	652
	1970	129	489	618	21	94	115	150	583	733
Institutional services .....	1968	1,197	225	1,422	91	27	118	1,288	252	1,540
	1969	1,152	203	1,355	105	28	133	1,257	231	1,488
	1970	1,243	221	1,464	108	29	137	1,351	250	1,601
Government departments .....	1968	1,679	230	1,909	528	76	604	2,207	306	2,513
	1969	1,774	207	1,981	478	77	555	2,252	284	2,536
	1970	1,972	193	2,165	525	82	607	2,497	275	2,772
Totals .....	1968	9,909	5,546	15,455	2,305	2,713	5,018	12,214	8,259	20,473
	1969	10,672	5,940	16,612	2,347	2,804	5,151	13,019	8,744	21,763
	1970	11,440	6,425	17,865	2,470	2,990	5,460	13,910	9,415	23,325

<sup>1</sup> Table from "Private and Public Investment in Canada, Outlook 1970" - actual expenditures 1968, preliminary actual 1969, intentions 1970.

<sup>2</sup> Estimates for capital and repair expenditures in Agriculture have been revised on the basis of the 1958 Farm Income and Expenditure Survey and the 1961 Census of Agriculture, and are not comparable with data for years prior to 1961.

<sup>3</sup> Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration expenditures by mining companies in production, those preparing for production and exploration companies.

**TABLE 1. Total Value of Construction Work Performed—Current and Constant Dollars by New and Repair, 1961-70<sup>1,2</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Expenditure	
	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars
	millions of dollars						per cent	
1961 .....	5,630	5,630	1,456	1,456	7,086	7,086	18.1	18.1
1962 .....	5,834	5,777	1,509	1,504	7,343	7,281	17.3	17.4
1963 .....	6,156	5,936	1,559	1,518	7,715	7,454	17.0	16.9
1964 .....	7,032	6,617	1,630	1,564	8,662	8,181	17.4	17.4
1965 .....	8,175	7,254	1,754	1,531	9,929	8,785	18.1	17.5
1966 .....	9,281	7,744	1,954	1,587	11,235	9,331	18.3	17.4
1967 .....	9,474	7,798	2,146	1,778	11,620	9,576	17.7	17.3
1968 .....	9,909	7,849	2,305	1,825	12,214	9,674	17.1	16.7
1969 .....	10,672	7,927	2,350	1,746	13,022	9,673	16.7	15.9
1970 .....	11,440	—	2,471	—	13,911	—	—	—

<sup>1</sup> Actual 1961-68, preliminary 1969, intentions 1970.

<sup>2</sup> Data for 1961-67 are not directly comparable with data published for previous years due to minor revisions in the mining and residential sectors.

**TABLE 2. Total Value of Construction Work Performed—Contractors and Others by New and Repair, 1966-70<sup>1,2,3</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
1966 .....	8,062	1,061	9,123	1,219	893	2,112	9,281	1,954	11,235
1967 .....	8,075	1,170	9,245	1,399	976	2,375	9,474	2,146	11,620
1968 .....	8,675	1,260	9,935	1,234	1,045	2,279	9,909	2,305	12,214
1969 .....	9,261	1,332	10,593	1,411	1,018	2,429	10,672	2,350	13,022
1970 .....	9,856	1,363	11,219	1,584	1,108	2,692	11,440	2,471	13,911

<sup>1</sup> Actual 1966-68, preliminary 1969, intentions 1970.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

<sup>3</sup> See footnote 2, Table 1.

**TABLE 3. Total Value of Construction Work Performed—Principal Type of Construction, 1966-70<sup>1,2,3</sup>**

Type of construction	1966		1967		1968		1969		1970	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction .....</b>	<b>11,235</b>	<b>100.0</b>	<b>11,620</b>	<b>100.0</b>	<b>12,214</b>	<b>100.0</b>	<b>13,022</b>	<b>100.0</b>	<b>13,911</b>	<b>100.0</b>
<b>Total building construction<sup>2</sup> .....</b>	<b>6,659</b>	<b>59.3</b>	<b>6,852</b>	<b>59.0</b>	<b>7,258</b>	<b>59.4</b>	<b>7,906</b>	<b>60.7</b>	<b>8,180</b>	<b>58.8</b>
Residential .....	2,841	25.3	3,091	26.6	3,587	29.3	4,214	32.4	4,065	29.2
Industrial .....	1,001	8.9	870	7.5	744	6.1	831	6.4	932	6.7
Commercial .....	1,250	11.1	1,221	10.5	1,146	9.4	1,100	8.4	1,270	9.1
Institutional .....	1,170	10.4	1,258	10.8	1,379	11.3	1,341	10.3	1,456	10.5
Other building .....	397	3.6	412	3.6	402	3.3	420	3.2	457	3.3
<b>Total engineering .....</b>	<b>4,576</b>	<b>40.7</b>	<b>4,768</b>	<b>41.0</b>	<b>4,956</b>	<b>40.6</b>	<b>5,116</b>	<b>39.3</b>	<b>5,731</b>	<b>41.2</b>
Marine .....	130	1.2	143	1.2	134	1.1	143	1.1	134	1.0
Road highway and aerodrome construction .....	1,230	10.9	1,283	11.1	1,186	9.7	1,181	9.1	1,250	9.0
Waterworks and sewage systems .....	405	3.6	385	3.3	403	3.3	407	3.1	496	3.6
Dams and irrigation .....	233	2.1	163	1.4	230	1.9	191	1.5	248	1.8
Electric power construction .....	743	6.6	859	7.4	825	6.7	943	7.3	982	7.0
Railway, telephone and telegraph construction ....	483	4.3	516	4.4	524	4.3	526	4.0	570	4.1
Gas and oil facilities .....	687	6.1	742	6.4	901	7.4	940	7.2	1,051	7.5
Other engineering construction .....	665	5.9	677	5.8	753	6.2	785	6.0	1,000	7.2

<sup>1</sup> Actual 1966-68, preliminary 1969, intentions 1970.

<sup>2</sup> Estimates for types of structure in agriculture have been compiled for 1963, 1964, 1965, 1966, 1967, 1968, 1969 and 1970 on the basis of more recent related information and are, therefore, not comparable with data for types of structure in the years prior to 1963. This affects data in Tables 3, 4, 5, 6, 9, 10 and Tables 18 to 27. The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in some re-allocation of data by type of structure after 1964.

<sup>3</sup> See footnote 2, Table 1.

**TABLE 4. Total Value of Construction Work Performed - Principal Type of Construction by Industry, 1968-70<sup>1,2,3</sup>**

Industry	1968			1969			1970		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals</b> .....	<b>7,257,649</b>	<b>4,956,006</b>	<b>12,213,655</b>	<b>7,905,648</b>	<b>5,116,324</b>	<b>13,021,972</b>	<b>8,179,671</b>	<b>5,730,843</b>	<b>13,910,514</b>
Agriculture and fishing <sup>2</sup> .....	228,119	123,018	351,137	219,697	118,484	338,181	221,844	119,641	341,485
Forestry .....	6,638	44,636	51,274	9,619	54,392	64,011	7,612	57,066	64,678
Mining, quarrying and oil wells <sup>3</sup> .....	157,618	733,282	890,900	145,235	766,465	911,700	136,460	859,540	996,000
Construction .....	19,637	363	20,000	19,637	363	20,000	20,626	374	21,000
Manufacturing .....	563,364	287,078	850,442	656,585	282,712	939,297	749,095	385,495	1,134,590
Utilities .....	192,856	1,941,288	2,134,144	215,422	1,993,536	2,208,958	262,318	2,227,967	2,490,285
Trade - Wholesale and retail .....	249,974	14,318	264,292	234,204	11,846	246,050	265,811	13,032	278,843
Finance, insurance and real estate .....	424,201	8,178	432,379	438,113	8,205	446,318	501,576	18,114	519,690
Commercial services .....	131,816	6,490	138,306	124,274	387	124,661	149,299	1,108	150,407
Housing .....	3,586,757	-	3,586,757	4,214,000	-	4,214,000	4,064,600	-	4,064,600
Institutional services .....	1,274,365	13,065	1,287,430	1,246,851	11,047	1,257,898	1,337,020	14,030	1,351,050
Government departments .....	422,304	1,784,290	2,206,594	382,011	1,868,887	2,250,898	463,410	2,034,476	2,497,886

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table B.

**TABLE 5. Total Value of Construction Work Performed - Dollar and Percentage Variation by Principal Type of Construction by Industry, 1968-70<sup>1,2,3</sup>**

Industry	Variation 1968 to 1969						Variation 1969 to 1970					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals</b> .....	<b>648</b>	<b>8.9</b>	<b>160</b>	<b>3.2</b>	<b>808</b>	<b>6.6</b>	<b>274</b>	<b>3.5</b>	<b>615</b>	<b>12.0</b>	<b>889</b>	<b>6.8</b>
Agriculture and fishing <sup>2</sup> .....	- 8	- 3.7	- 5	- 3.7	- 13	- 3.7	2	1.0	1	1.0	3	1.0
Forestry .....	3	44.9	10	21.9	13	24.8	- 2	- 20.9	3	4.9	1	1.0
Mining, quarrying and oil wells <sup>3</sup> .....	- 12	- 7.9	33	4.5	21	2.3	- 9	- 6.0	93	12.1	84	9.2
Construction .....	-	-	-	-	-	-	1	5.0	-	3.0	1	5.0
Manufacturing .....	93	16.5	- 4	- 1.5	89	10.4	92	14.1	103	36.4	195	20.8
Utilities .....	23	11.7	52	2.7	75	3.5	47	21.8	234	11.8	281	12.7
Trade - Wholesale and retail .....	- 16	- 6.3	- 2	- 17.3	- 18	- 6.9	32	13.5	1	10.0	33	13.3
Finance, insurance and real estate .....	14	3.3	-	0.3	14	3.2	64	14.5	10	120.8	74	16.4
Commercial services .....	- 8	- 5.7	- 6	- 94.0	- 14	- 9.9	25	20.1	1	186.3	26	20.7
Housing .....	627	17.5	-	-	627	17.5	- 149	- 3.5	-	-	- 149	- 3.5
Institutional services .....	- 28	- 2.2	- 2	- 15.4	- 30	- 2.3	90	7.2	3	27.0	93	7.4
Government departments .....	- 40	- 9.5	84	4.7	44	2.0	81	21.3	166	8.9	247	11.0

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> See footnote 3, Table B.



TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1966-70<sup>1,2,3,4,5,6</sup>

Type of structure	1966	1967	1968	1969	1970
thousands of dollars					
<b>Total value of construction .....</b>	<b>11,235,395</b>	<b>11,620,029</b>	<b>12,213,655</b>	<b>13,021,972</b>	<b>13,910,514</b>
<b>Total building construction .....</b>	<b>6,658,824</b>	<b>6,851,680</b>	<b>7,257,649</b>	<b>7,905,648</b>	<b>8,179,671</b>
<b>Residential .....</b>	<b>2,840,600</b>	<b>3,090,700</b>	<b>3,586,757</b>	<b>4,214,000</b>	<b>4,064,600</b>
<b>Industrial .....</b>	<b>1,000,922</b>	<b>869,820</b>	<b>743,761</b>	<b>830,940</b>	<b>931,755</b>
2. Factories, plants, workshops, food canneries .....	808,285	692,815	576,926	671,164	777,646
3. Mine and mine mill buildings .....	156,578	136,662	134,204	122,435	114,853
4. Railway stations, offices, roadway buildings .....	23,125	27,912	20,093	20,680	21,896
5. Railway shops, engine houses, water and fuel stations .....	12,934	12,431	12,538	16,661	17,360
<b>Commercial .....</b>	<b>1,249,897</b>	<b>1,221,282</b>	<b>1,145,888</b>	<b>1,099,662</b>	<b>1,270,401</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	103,881	114,664	141,483	112,952	108,553
7. Grain elevators .....	34,317	46,026	17,137	9,896	8,886
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	119,152	95,290	78,626	71,746	103,827
9. Office buildings .....	454,195	479,029	489,016	472,635	577,257
10. Stores, retail and wholesale .....	303,237	266,626	232,982	245,027	256,021
11. Garages and service stations .....	52,918	80,252	86,354	94,993	98,413
12. Theatres, arenas, amusement and recreational buildings .....	178,172	136,273	96,120	83,341	115,262
13. Laundries and dry cleaning establishments .....	4,025	3,122	4,170	3,072	2,182
<b>Institutional .....</b>	<b>1,170,566</b>	<b>1,257,989</b>	<b>1,379,264</b>	<b>1,340,850</b>	<b>1,455,648</b>
14. Schools and other educational buildings .....	800,871	903,595	983,410	960,681	998,054
15. Churches and other religious buildings .....	55,036	50,163	42,695	36,133	31,140
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	210,321	224,631	243,319	256,373	305,831
17. Other institutional buildings .....	104,338	79,600	109,840	87,663	120,623
<b>Other building construction .....</b>	<b>396,839</b>	<b>411,889</b>	<b>401,979</b>	<b>420,196</b>	<b>457,267</b>
18. Farm buildings (excluding dwellings) .....	233,985	235,286	229,508	221,042	223,377
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	39,321	38,459	43,232	54,088	60,570
20. Aeroplane hangars .....	5,085	5,538	16,221	19,607	15,546
21. Passenger terminals, bus, boat or air .....	27,662	23,287	13,295	10,609	24,341
22. Armouries, barracks, drill halls, etc. ....	18,629	12,986	11,551	7,790	8,439
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	17,086	23,398	19,965	17,553	14,984
24. Other building construction .....	55,071	72,935	68,207	89,507	110,010
<b>Total engineering construction .....</b>	<b>4,576,571</b>	<b>4,768,349</b>	<b>4,956,006</b>	<b>5,116,324</b>	<b>5,730,843</b>
<b>Marine construction .....</b>	<b>130,033</b>	<b>142,448</b>	<b>134,250</b>	<b>142,503</b>	<b>133,664</b>
25. Docks, wharves, piers, breakwaters .....	69,795	75,656	64,723	72,098	64,355
26. Retaining walls, embankments, riprapping .....	12,925	16,636	18,235	20,638	22,548
27. Canals and waterways .....	31,561	23,639	34,766	30,639	24,085
28. Dredging and pile driving .....	7,291	11,746	5,518	6,299	4,779
29. Dyke construction .....	1,157	4,051	2,430	1,803	7,061
30. Logging booms .....	1,463	1,146	954	1,215	1,542
31. Other marine construction .....	5,841	9,574	7,624	9,811	9,294

See footnote(s) at end of table.

TABLE 6. Total Value of Construction Work Performed—Type of Structure, 1966-70<sup>1,2,3,4,5,6</sup> — Concluded

Type of structure	1966	1967	1968	1969	1970
	thousands of dollars				
<b>Road, highway and aerodrome construction .....</b>	<b>1,230,145</b>	<b>1,282,884</b>	<b>1,185,408</b>	<b>1,181,316</b>	<b>1,250,381</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	1,053,546	1,119,904	1,023,715	991,279	1,050,325
33. Gravel or stone streets, highways, roads, parking lots, etc. ....					
34. Dirt, clay or other streets, roads, parking lots, etc. ....					
35. Grading, scraping, oiling, filling .....	58,815	58,464	55,102	67,039	71,628
36. Sidewalks, paths .....	24,459	22,652	24,040	23,772	25,119
37. Aerodromes, landing fields, runways, tarmac .....	19,121	13,817	11,363	10,906	10,760
<b>Waterworks and sewage systems .....</b>	<b>405,229</b>	<b>385,380</b>	<b>403,370</b>	<b>407,388</b>	<b>496,246</b>
38. Tile drains, drainage ditches, storm sewers .....	40,684	43,488	43,525	45,907	50,138
39. Water mains, hydrants and services .....	138,359	135,807	123,529	113,691	130,444
40. Sewage systems and connections .....	183,446	171,953	201,457	222,738	277,060
41. Pumping stations, water .....	32,929	27,949	28,814	19,230	30,452
42. Water storage tanks .....	9,811	6,183	6,045	5,822	8,152
<b>Dams and irrigation .....</b>	<b>233,105</b>	<b>163,283</b>	<b>230,084</b>	<b>191,465</b>	<b>248,010</b>
43. Dams and reservoirs .....	188,134	129,770	197,060	159,548	215,242
44. Irrigation and land reclamation projects .....	44,971	33,513	33,024	31,917	32,768
<b>Electric power construction .....</b>	<b>742,452</b>	<b>859,371</b>	<b>825,257</b>	<b>943,018</b>	<b>981,777</b>
45. Electric power generating plants, including water conveying and controlling structures .....	350,075	476,628	371,811	398,402	324,154
46. Electric transformer stations .....	39,094	44,212	49,552	61,644	83,560
47. Power transmission and distribution lines, trolley wires .....	324,012	308,840	376,916	454,955	544,777
48. Street lighting .....	29,271	29,691	26,978	28,017	29,286
<b>Railway, telephone and telegraph .....</b>	<b>483,076</b>	<b>515,431</b>	<b>524,161</b>	<b>525,624</b>	<b>570,213</b>
49. Railway tracks and roadbed .....	235,798	265,392	251,004	254,379	284,235
50. Signals and interlockers .....	24,757	22,899	22,175	25,495	28,569
51. Telegraph and telephone lines, underground and marine cables .....	222,521	227,140	250,982	245,750	257,409
<b>Gas and oil facilities .....</b>	<b>687,320</b>	<b>742,129</b>	<b>900,751</b>	<b>939,723</b>	<b>1,050,911</b>
52. Gas mains and services .....	66,100	53,504	94,029	120,358	102,068
53. Pumping stations, oil .....	5,470	6,804	10,619	9,484	10,074
54. Pumping stations, gas .....	9,856	10,788	33,724	28,757	46,904
55. Oil storage tanks .....	16,304	16,620	15,966	15,890	15,233
56. Gas storage tanks .....	5,325	3,190	7,038	6,781	2,860
57. Oil pipe lines .....	70,449	71,705	45,635	35,271	16,252
58. Gas pipe lines .....	53,781	72,521	101,600	86,486	123,094
59. Oil wells .....	240,849	216,411	275,466	266,335	290,254
60. Gas wells .....	91,337	101,020	86,995	132,946	146,548
61. Oil refinery — Processing units <sup>3</sup> .....	86,217	114,410	148,875	136,884	148,149
62. Natural gas cleaning plants .....	41,632	75,156	80,804	100,531	149,475
<b>Other engineering construction .....</b>	<b>665,211</b>	<b>677,423</b>	<b>752,725</b>	<b>785,287</b>	<b>999,641</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	218,967	192,906	228,085	234,154	240,922
64. Tunnels and subways .....	67,803	63,864	21,226	27,259	45,510
65. Incinerators .....	185	274	299	95	214
66. Park systems, landscaping, sodding, etc. ....	34,342	23,077	21,939	23,462	25,032
67. Swimming pools, tennis courts, outdoor recreation facilities .....	4,244	7,984	2,918	4,705	5,393
68. Mine shafts and other below surface workings .....	98,401	165,659	191,066	203,404	217,362
69. Fences, snowsheds, signs, guard rails .....	43,863	47,965	46,209	44,775	47,464
70. Other engineering construction .....	197,406	175,694	240,983	247,433	417,744

<sup>1</sup> Actual 1966-68, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.

<sup>5</sup> "Other building" and "engineering" construction, items 24 and 70 respectively, contain data which could not be published in a specific category due to the secrecy provisions of the Statistics Act.

<sup>6</sup> See footnote 2, Table 1.

**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used  
by Province, 1968 - 70<sup>1,2</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
		thousands of dollars		
Canada:				
1968 .....	604,430	4,282,544	5,560,241	12,213,655
1969 .....	592,480	4,550,888	5,958,614	13,021,972
1970 .....	575,137	4,878,057	6,340,242	13,910,514
Newfoundland:				
1968 .....	16,136	94,173	149,437	308,657
1969 .....	16,449	111,489	167,891	363,493
1970 .....	17,408	129,243	198,260	423,193
Prince Edward Island:				
1968 .....	2,152	10,691	14,620	33,890
1969 .....	2,042	11,741	15,840	36,290
1970 .....	2,043	12,926	17,415	40,152
Nova Scotia:				
1968 .....	22,670	126,839	179,621	382,095
1969 .....	22,380	147,674	216,800	447,882
1970 .....	21,171	152,685	222,828	458,568
New Brunswick:				
1968 .....	17,457	91,415	131,250	274,306
1969 .....	15,531	92,492	137,178	282,366
1970 .....	15,135	99,288	146,857	304,424
Quebec:				
1968 .....	129,773	887,632	1,178,876	2,552,050
1969 .....	128,662	919,684	1,231,897	2,652,014
1970 .....	122,938	968,505	1,292,318	2,791,452
Ontario:				
1968 .....	216,225	1,570,875	1,969,168	4,309,434
1969 .....	211,552	1,668,179	2,117,399	4,608,270
1970 .....	209,962	1,829,911	2,290,939	5,012,202
Manitoba:				
1968 .....	32,310	240,126	293,193	662,332
1969 .....	33,859	267,514	327,148	738,919
1970 .....	30,320	261,514	322,814	725,687
Saskatchewan:				
1968 .....	30,482	223,027	301,109	668,659
1969 .....	26,772	196,194	260,877	578,936
1970 .....	23,748	191,001	251,517	560,785
Alberta:				
1968 .....	68,667	480,230	627,377	1,442,759
1969 .....	67,585	532,128	705,700	1,604,958
1970 .....	64,540	564,757	746,332	1,707,560
British Columbia: <sup>2</sup>				
1968 .....	68,558	557,536	715,590	1,579,473
1969 .....	67,648	603,793	777,884	1,708,844
1970 .....	67,872	668,227	850,962	1,886,491

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> British Columbia includes Northwest Territories and Yukon.



**TABLE 8. Total Value of Work Performed-Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1968 - 70<sup>1,2</sup>**

Year	Labour content		Cost of materials used	Value of work performed
	Number	Value		
		thousands of dollars		
Total:				
1968 .....	604,430	4,282,544	5,560,241	12,213,655
1969 .....	592,480	4,550,888	5,958,614	13,021,972
1970 .....	575,137	4,878,057	6,340,242	13,910,514
Contractors:				
1968 .....	456,121	3,296,067	4,666,458	9,935,343
1969 .....	447,583	3,508,403	4,990,452	10,592,717
1970 .....	430,574	3,724,321	5,271,018	11,219,283
Utilities:				
1968 .....	51,472	382,326	452,820	923,017
1969 .....	53,351	428,046	507,382	1,040,566
1970 .....	53,804	475,863	565,083	1,156,359
Governments:				
1968 .....	62,945	378,421	182,992	735,660
1969 .....	58,628	382,127	191,760	749,608
1970 .....	58,791	423,771	211,803	831,484
Miscellaneous:				
1968 .....	33,892	225,730	257,971	619,635
1969 .....	32,918	232,312	269,020	639,081
1970 .....	31,968	254,102	292,338	703,388

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> Represents work done by the labour forces of utilities, manufacturing, mining and logging firms, government departments, institutions and other persons or firms not primarily engaged in the construction industry.

TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1968 - 70<sup>1,2,3,4,5</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>9,908,424</b>	<b>2,305,231</b>	<b>12,213,655</b>	<b>10,672,152</b>	<b>2,349,820</b>	<b>13,021,972</b>	<b>11,440,211</b>	<b>2,470,303</b>	<b>13,910,514</b>
<b>Total building construction .....</b>	<b>5,893,596</b>	<b>1,364,053</b>	<b>7,257,649</b>	<b>6,488,591</b>	<b>1,417,057</b>	<b>7,905,648</b>	<b>6,724,945</b>	<b>1,454,726</b>	<b>8,179,671</b>
<b>Residential .....</b>	<b>2,806,423</b>	<b>780,334</b>	<b>3,586,757</b>	<b>3,370,000</b>	<b>844,000</b>	<b>4,214,000</b>	<b>3,200,000</b>	<b>864,600</b>	<b>4,064,600</b>
<b>Industrial .....</b>	<b>549,178</b>	<b>194,583</b>	<b>743,761</b>	<b>631,898</b>	<b>199,042</b>	<b>830,940</b>	<b>720,345</b>	<b>211,410</b>	<b>931,755</b>
2. Factories, plants, workshops, food canneries .....	426,706	150,220	576,926	525,475	145,689	671,164	629,828	147,818	777,646
3. Mine and mine mill buildings .....	108,625	25,579	134,204	87,657	34,778	122,435	71,245	43,608	114,853
4. Railway stations, offices, roadway buildings .....	8,319	11,774	20,093	9,507	11,173	20,680	9,998	11,898	21,896
5. Railway shops, engine houses, water and fuel stations .....	5,528	7,010	12,538	9,259	7,402	16,661	9,274	8,086	17,360
<b>Commercial .....</b>	<b>961,343</b>	<b>184,545</b>	<b>1,145,888</b>	<b>932,017</b>	<b>167,645</b>	<b>1,099,662</b>	<b>1,104,229</b>	<b>166,172</b>	<b>1,270,401</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	119,346	22,137	141,483	93,433	19,519	112,952	89,309	19,244	108,553
7. Grain elevators .....	9,946	7,191	17,137	5,715	4,181	9,896	4,994	3,892	8,886
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	60,097	18,529	78,626	60,863	16,883	77,746	87,267	16,560	103,827
9. Office buildings .....	427,146	61,870	489,016	416,080	56,555	472,635	516,799	60,458	577,257
10. Stores, retail and wholesale .....	188,158	44,824	232,982	205,035	39,992	245,027	220,442	35,579	256,021
11. Garages and service stations .....	67,138	19,216	86,354	75,032	19,961	94,993	78,696	19,717	98,413
12. Theatres, arenas, amusement and recreational buildings .....	86,492	9,628	96,120	74,032	9,309	83,341	105,684	9,578	115,262
13. Laundries and dry cleaning establishments .....	3,020	1,150	4,170	1,827	1,245	3,072	1,038	1,144	2,182
<b>Institutional .....</b>	<b>1,274,109</b>	<b>105,155</b>	<b>1,379,264</b>	<b>1,225,422</b>	<b>115,428</b>	<b>1,340,850</b>	<b>1,336,859</b>	<b>118,789</b>	<b>1,455,648</b>
14. Schools and other educational buildings .....	929,366	54,044	983,410	898,344	62,337	960,681	933,378	64,676	998,054
15. Churches and other religious buildings .....	35,602	7,093	42,695	24,959	11,174	36,133	23,723	7,417	31,140
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	213,402	29,917	243,319	224,666	31,707	256,373	269,982	35,849	305,831
17. Other institutional buildings .....	95,739	14,101	109,840	77,453	10,210	87,663	109,776	10,847	120,623
<b>Other building construction .....</b>	<b>302,543</b>	<b>99,436</b>	<b>401,979</b>	<b>329,254</b>	<b>90,942</b>	<b>420,196</b>	<b>363,512</b>	<b>93,755</b>	<b>457,267</b>
18. Farm buildings (excluding dwellings) .....	165,190	64,318	229,508	158,637	62,405	221,042	160,101	63,276	223,377
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	35,632	7,600	43,232	49,853	4,235	54,088	56,311	4,259	60,570
20. Aeroplane hangars .....	13,648	2,573	16,221	17,063	2,544	19,607	13,537	2,009	15,546
21. Passenger terminals, bus, boat or air .....	10,877	2,418	13,295	9,215	1,394	10,609	22,555	1,786	24,341
22. Armouries, barracks, drill halls, etc. ....	2,306	9,245	11,551	2,224	5,566	7,790	2,768	5,671	8,439
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	16,647	3,318	19,965	14,095	3,458	17,553	11,596	3,388	14,984
24. Other building construction .....	58,243	9,964	68,207	78,167	11,340	89,507	96,644	13,366	110,010
<b>Total engineering construction .....</b>	<b>4,014,828</b>	<b>941,178</b>	<b>4,956,006</b>	<b>4,183,561</b>	<b>932,763</b>	<b>5,116,324</b>	<b>4,715,266</b>	<b>1,015,577</b>	<b>5,730,843</b>
<b>Marine construction .....</b>	<b>105,714</b>	<b>28,536</b>	<b>134,250</b>	<b>116,533</b>	<b>25,970</b>	<b>142,503</b>	<b>107,480</b>	<b>26,184</b>	<b>133,664</b>
25. Docks, wharves, piers, breakwaters .....	52,272	12,451	64,723	62,244	9,854	72,098	54,284	10,071	64,355
26. Retaining walls, embankments, riprapping .....	13,322	4,913	18,235	16,548	4,090	20,638	18,336	4,212	22,548
27. Canals and waterways .....	27,768	6,998	34,766	23,106	7,533	30,639	16,418	7,667	24,085
28. Dredging and pile driving .....	3,830	1,688	5,518	4,853	1,446	6,299	3,734	1,045	4,779
29. Dyke construction .....	2,063	367	2,430	1,665	138	1,803	6,923	138	7,061
30. Logging booms .....	327	627	954	441	774	1,215	722	820	1,542
31. Other marine construction .....	6,132	1,492	7,624	7,676	2,135	9,811	7,063	2,231	9,294

See footnote(s) at end of table.

TABLE 9. Total Value of Construction Work Performed—Type of Structure and by New and Repair—Canada, 1968 - 70<sup>1,2,3,4,5</sup> — Concluded

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>854, 102</b>	<b>331, 306</b>	<b>1, 185, 408</b>	<b>866, 574</b>	<b>314, 742</b>	<b>1, 181, 316</b>	<b>905, 210</b>	<b>345, 171</b>	<b>1, 250, 381</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	749, 833	273, 882	1, 023, 715	735, 300	255, 979	991, 279	765, 778	284, 547	1, 050, 325
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	41, 296	29, 892	71, 188	60, 567	27, 753	88, 320	64, 689	27, 860	92, 549
35. Grading, scraping, oiling, filling .....	37, 608	17, 494	55, 102	45, 783	21, 256	67, 039	49, 733	21, 895	71, 628
36. Sidewalks, paths .....	15, 758	8, 282	24, 040	15, 045	8, 727	23, 772	15, 201	9, 918	25, 119
37. Aerodromes, landing fields, runways, tarmac .....	9, 607	1, 756	11, 363	9, 879	1, 027	10, 906	9, 809	951	10, 760
<b>Waterworks and sewage systems</b> .....	<b>324, 629</b>	<b>78, 741</b>	<b>403, 370</b>	<b>329, 904</b>	<b>77, 484</b>	<b>407, 388</b>	<b>411, 068</b>	<b>85, 178</b>	<b>496, 246</b>
38. Tile drains, drainage ditches, storm sewers .....	31, 663	11, 862	43, 525	34, 732	11, 175	45, 907	37, 344	12, 794	50, 138
39. Water mains, hydrants and services .....	92, 636	30, 893	123, 529	82, 531	31, 160	113, 691	98, 136	32, 308	130, 444
40. Sewage systems and connections .....	170, 450	31, 007	201, 457	194, 805	27, 933	222, 738	244, 249	32, 811	277, 060
41. Pumping stations, water .....	25, 184	3, 630	28, 814	13, 234	5, 996	19, 230	24, 435	6, 017	30, 452
42. Water storage tanks .....	4, 696	1, 349	6, 045	4, 602	1, 220	5, 822	6, 904	1, 248	8, 152
<b>Dams and irrigation</b> .....	<b>218, 382</b>	<b>11, 702</b>	<b>230, 084</b>	<b>181, 662</b>	<b>9, 803</b>	<b>191, 465</b>	<b>238, 087</b>	<b>9, 923</b>	<b>248, 010</b>
43. Dams and reservoirs .....	194, 622	2, 438	197, 060	157, 980	1, 568	159, 548	213, 651	1, 591	215, 242
44. Irrigation and land reclamation projects .....	23, 760	9, 264	33, 024	23, 682	8, 235	31, 917	24, 436	8, 332	32, 768
<b>Electric power construction</b> .....	<b>747, 175</b>	<b>78, 082</b>	<b>825, 257</b>	<b>857, 388</b>	<b>85, 630</b>	<b>943, 018</b>	<b>884, 526</b>	<b>97, 251</b>	<b>981, 777</b>
45. Electric power generating plants, including water conveying and controlling structures .....	351, 477	20, 334	371, 811	371, 703	26, 699	398, 402	294, 169	29, 985	324, 154
46. Electric transformer stations .....	42, 619	6, 933	49, 552	55, 209	6, 435	61, 644	76, 237	7, 323	83, 560
47. Power transmission and distribution lines, trolley wires .....	332, 507	44, 409	376, 916	408, 627	46, 328	454, 955	491, 550	53, 227	544, 777
48. Street lighting .....	20, 572	6, 406	26, 978	21, 849	6, 168	28, 017	22, 570	6, 716	29, 286
<b>Railway, telephone and telegraph</b> .....	<b>338, 135</b>	<b>186, 026</b>	<b>524, 161</b>	<b>346, 675</b>	<b>178, 949</b>	<b>525, 624</b>	<b>374, 428</b>	<b>195, 785</b>	<b>570, 213</b>
49. Railway tracks and roadbed .....	137, 035	113, 969	251, 004	142, 490	111, 889	254, 379	162, 414	121, 821	284, 235
50. Signals and interlockers .....	9, 242	12, 933	22, 175	11, 683	13, 812	25, 495	13, 675	14, 894	28, 569
51. Telegraph and telephone lines, underground and marine cables .....	191, 858	59, 124	250, 982	192, 502	53, 248	245, 750	198, 339	59, 070	257, 409
<b>Gas and oil facilities</b> .....	<b>774, 362</b>	<b>126, 389</b>	<b>900, 751</b>	<b>795, 245</b>	<b>144, 478</b>	<b>939, 723</b>	<b>901, 345</b>	<b>149, 566</b>	<b>1, 050, 911</b>
52. Gas mains and services .....	86, 078	7, 951	94, 029	112, 179	8, 179	120, 358	93, 438	8, 630	102, 068
53. Pumping stations, oil .....	8, 290	2, 329	10, 619	7, 002	2, 482	9, 484	7, 289	2, 785	10, 074
54. Pumping stations, gas .....	30, 271	3, 453	33, 724	27, 722	1, 035	28, 757	45, 591	1, 313	46, 904
55. Oil storage tanks .....	12, 911	3, 055	15, 966	13, 210	2, 680	15, 890	12, 264	2, 969	15, 233
56. Gas storage tanks .....	6, 981	57	7, 038	6, 594	187	6, 781	2, 633	227	2, 860
57. Oil pipe lines .....	41, 565	4, 070	45, 635	32, 340	2, 931	35, 271	12, 953	3, 299	16, 252
58. Gas pipe lines .....	98, 641	2, 959	101, 600	84, 063	2, 423	86, 486	120, 490	2, 604	123, 094
59. Oil wells .....	238, 285	37, 181	275, 466	229, 091	37, 244	266, 335	252, 932	37, 322	290, 254
60. Gas wells .....	80, 635	6, 360	86, 995	114, 167	18, 779	132, 946	128, 362	18, 186	146, 548
61. Oil refinery—Processing units <sup>3</sup> .....	102, 960	45, 915	148, 875	90, 745	46, 139	136, 884	99, 769	48, 380	148, 149
62. Natural gas cleaning plants .....	67, 745	13, 059	80, 804	78, 132	22, 399	100, 531	125, 624	23, 851	149, 475
<b>Other engineering construction</b> .....	<b>652, 329</b>	<b>100, 396</b>	<b>752, 725</b>	<b>689, 580</b>	<b>95, 707</b>	<b>785, 287</b>	<b>893, 122</b>	<b>106, 519</b>	<b>999, 641</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	198, 265	29, 820	228, 085	203, 543	30, 611	234, 154	207, 406	33, 516	240, 922
64. Tunnels and subways .....	19, 687	1, 539	21, 226	26, 208	1, 051	27, 259	43, 766	1, 744	45, 510
65. Incinerators .....	69	230	299	17	78	95	106	108	214
66. Park systems, landscaping, sodding, etc. ....	15, 913	6, 026	21, 939	17, 099	6, 363	23, 462	18, 445	6, 587	25, 032
67. Swimming pools, tennis courts, outdoor recreation facilities .....	1, 354	1, 564	2, 918	3, 424	1, 281	4, 705	4, 066	1, 327	5, 393
68. Mine shafts and other below surface workings ....	181, 794	9, 272	191, 066	197, 491	5, 913	203, 404	210, 366	6, 996	217, 362
69. Fences, snowsheds, signs, guard rails .....	32, 005	14, 204	46, 209	31, 806	12, 969	44, 775	34, 162	13, 302	47, 464
70. Other engineering construction .....	203, 242	37, 741	240, 983	209, 992	37, 441	247, 433	374, 805	42, 939	417, 744

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.

<sup>5</sup> See footnote 5, Table 6.



**TABLE 10. Total Value of Construction Work Performed – New and Repair by Type of Structure by Primary Industries, 1968 - 70<sup>1, 2, 3, 4, 5</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>1,086,387</b>	<b>226,924</b>	<b>1,313,311</b>	<b>1,090,650</b>	<b>243,242</b>	<b>1,333,892</b>	<b>1,167,115</b>	<b>256,048</b>	<b>1,423,163</b>
<b>Total building construction</b> .....	<b>311,418</b>	<b>100,594</b>	<b>412,012</b>	<b>285,472</b>	<b>108,716</b>	<b>394,188</b>	<b>267,569</b>	<b>118,973</b>	<b>386,542</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>119,976</b>	<b>28,911</b>	<b>148,887</b>	<b>94,313</b>	<b>37,305</b>	<b>131,618</b>	<b>77,661</b>	<b>46,376</b>	<b>124,037</b>
2. Factories, plants, workshops, food canneries .....	11,619	3,425	15,044	7,592	2,868	10,460	8,555	3,088	11,643
3. Mine and mine mill buildings .....	108,357	25,486	133,843	86,721	34,437	121,158	69,106	43,288	112,394
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial</b> .....	<b>12,408</b>	<b>4,997</b>	<b>17,405</b>	<b>11,603</b>	<b>6,713</b>	<b>18,316</b>	<b>15,647</b>	<b>7,094</b>	<b>22,741</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,704	1,772	6,476	4,284	1,695	5,979	4,714	1,722	6,436
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3	3	6	—	8	8	—	2	2
9. Office buildings .....	4,964	2,183	7,147	4,898	2,577	7,475	6,149	2,659	8,808
10. Stores, retail and wholesale .....	—	1	1	—	—	—	—	—	—
11. Garages and service stations .....	2,523	1,001	3,524	2,086	2,352	4,438	4,502	2,623	7,125
12. Theatres, arenas, amusement and recreational buildings .....	214	37	251	335	81	416	282	88	370
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional</b> .....	<b>85</b>	<b>14</b>	<b>99</b>	<b>313</b>	<b>78</b>	<b>391</b>	<b>951</b>	<b>103</b>	<b>1,054</b>
14. Schools and other educational buildings .....	—	—	—	212	67	279	697	81	778
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	85	14	99	101	11	112	209	22	231
17. Other institutional buildings .....	—	—	—	—	—	—	45	—	45
<b>Other building construction</b> .....	<b>178,949</b>	<b>66,672</b>	<b>245,621</b>	<b>179,243</b>	<b>64,620</b>	<b>243,863</b>	<b>173,310</b>	<b>65,400</b>	<b>238,710</b>
18. Farm buildings (excluding dwellings) .....	163,994	63,724	227,718	157,681	61,616	219,297	159,015	62,419	221,434
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4	40	44	1	34	35	51	29	80
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6,604	2,527	9,131	8,126	2,621	10,747	6,685	2,613	9,298
24. Other building construction .....	8,347	381	8,728	13,435	349	13,784	7,559	339	7,898
<b>Total engineering construction</b> .....	<b>774,969</b>	<b>126,330</b>	<b>901,299</b>	<b>805,178</b>	<b>134,526</b>	<b>939,704</b>	<b>899,546</b>	<b>137,075</b>	<b>1,036,621</b>
<b>Marine construction</b> .....	<b>9,353</b>	<b>1,606</b>	<b>10,959</b>	<b>11,490</b>	<b>1,531</b>	<b>13,021</b>	<b>2,140</b>	<b>1,590</b>	<b>3,730</b>
25. Docks, wharves, piers, breakwaters .....	8,616	941	9,557	10,428	634	11,062	1,135	686	1,821
26. Retaining walls, embankments, riprapping .....	—	7	7	15	1	16	43	1	44
27. Canals and waterways .....	220	57	277	10	68	78	75	28	103
28. Dredging and pile driving .....	40	102	142	445	123	568	40	103	143
29. Dyke construction .....	84	9	93	—	8	8	—	10	10
30. Logging booms .....	307	431	738	413	614	1,027	576	652	1,228
31. Other marine construction .....	86	59	145	179	83	262	271	110	381

See footnote(s) at end of table.

**TABLE 10. Total Value of Construction Work Performed — New and Repair by Type of Structure by Primary Industries 1968-70<sup>1,2,3,4,5</sup> — Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>42, 490</b>	<b>13, 275</b>	<b>55, 765</b>	<b>45, 260</b>	<b>14, 646</b>	<b>59, 906</b>	<b>52, 662</b>	<b>14, 632</b>	<b>67, 294</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	15, 977	4, 770	20, 747	12, 263	4, 960	17, 223	16, 995	5, 376	22, 371
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	25, 814	8, 330	34, 144	32, 997	9, 652	42, 649	35, 637	9, 210	44, 847
35. Grading, scraping, oiling, filling .....	207	105	312	—	29	29	30	40	70
36. Sidewalks, paths .....	466	68	534	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	26	2	28	—	5	5	—	6	6
<b>Waterworks and sewage systems .....</b>	<b>43, 381</b>	<b>15, 606</b>	<b>58, 987</b>	<b>38, 732</b>	<b>15, 084</b>	<b>53, 816</b>	<b>39, 577</b>	<b>15, 368</b>	<b>54, 945</b>
38. Tile drains, drainage ditches, storm sewers .....	17, 791	6, 882	24, 673	17, 016	6, 658	23, 674	17, 198	6, 752	23, 950
39. Water mains, hydrants and services .....	19, 886	7, 215	27, 101	17, 979	7, 067	25, 046	18, 600	7, 208	25, 808
40. Sewage systems and connections .....	338	45	383	294	49	343	213	44	257
41. Pumping stations, water .....	2, 146	308	2, 454	767	270	1, 037	844	303	1, 147
42. Water storage tanks .....	3, 220	1, 156	4, 376	2, 676	1, 040	3, 716	2, 722	1, 061	3, 783
<b>Dams and irrigation .....</b>	<b>20, 249</b>	<b>7, 893</b>	<b>28, 142</b>	<b>19, 417</b>	<b>7, 629</b>	<b>27, 046</b>	<b>19, 577</b>	<b>7, 735</b>	<b>27, 312</b>
43. Dams and reservoirs .....	65	50	115	11	45	56	6	54	60
44. Irrigation and land reclamation projects .....	20, 184	7, 843	28, 027	19, 406	7, 584	26, 990	19, 571	7, 681	27, 252
<b>Electric power construction .....</b>	<b>8, 042</b>	<b>1, 219</b>	<b>9, 261</b>	<b>2, 600</b>	<b>650</b>	<b>3, 250</b>	<b>4, 296</b>	<b>782</b>	<b>5, 078</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2, 423	407	2, 830	1, 393	296	1, 689	2, 943	350	3, 293
46. Electric transformer stations .....	—	—	—	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires .....	5, 619	811	6, 430	1, 207	354	1, 561	1, 353	431	1, 784
48. Street lighting .....	—	1	1	—	—	—	—	1	1
<b>Railway, telephone and telegraph .....</b>	<b>12, 967</b>	<b>6, 692</b>	<b>19, 659</b>	<b>1, 968</b>	<b>503</b>	<b>2, 471</b>	<b>376</b>	<b>432</b>	<b>808</b>
49. Railway tracks and roadbed .....	12, 889	6, 639	19, 528	1, 928	488	2, 416	340	414	754
50. Signals and interlockers .....	—	—	—	8	—	8	4	—	4
51. Telegraph and telephone lines, underground and marine cables .....	78	53	131	32	15	47	32	18	50
<b>Gas and oil facilities .....</b>	<b>384, 739</b>	<b>56, 203</b>	<b>440, 942</b>	<b>418, 853</b>	<b>78, 404</b>	<b>497, 257</b>	<b>502, 204</b>	<b>79, 333</b>	<b>581, 537</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	—	—	—	—	—	—	—	—	—
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	3	—	3	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	238, 285	37, 181	275, 466	229, 053	37, 244	266, 297	252, 901	37, 322	290, 223
60. Gas wells .....	80, 211	6, 153	86, 364	113, 481	18, 763	132, 244	127, 677	18, 160	145, 837
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	66, 240	12, 869	79, 109	76, 319	22, 397	98, 716	121, 626	23, 851	145, 477
<b>Other engineering construction .....</b>	<b>253, 748</b>	<b>23, 836</b>	<b>277, 584</b>	<b>266, 858</b>	<b>16, 079</b>	<b>282, 937</b>	<b>278, 714</b>	<b>17, 203</b>	<b>295, 917</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	587	209	796	1, 240	364	1, 604	956	233	1, 189
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	—	31	31	15	28	43	58	8	66
67. Swimming pools, tennis courts, outdoor recreation facilities .....	—	—	—	—	—	—	—	2	2
68. Mine shafts and other below surface workings .....	181, 794	9, 268	191, 062	197, 491	5, 906	203, 397	210, 356	6, 996	217, 352
69. Fences, snowsheds, signs, guard rails .....	25, 250	9, 820	35, 070	24, 262	9, 495	33, 757	24, 467	9, 621	34, 088
70. Other engineering construction .....	46, 117	4, 508	50, 625	43, 850	286	44, 136	42, 877	343	43, 220

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> Primary industries include agriculture, fishing, mining, quarrying and oil wells, forestry and the construction industry. See also footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 3, Table B.

<sup>5</sup> See footnote 5, Table 6.

**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1968 - 70<sup>1,2,3,4</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>657, 120</b>	<b>193, 322</b>	<b>850, 442</b>	<b>742, 543</b>	<b>196, 754</b>	<b>939, 297</b>	<b>932, 780</b>	<b>201, 810</b>	<b>1, 134, 590</b>
<b>Total building construction .....</b>	<b>431, 721</b>	<b>131, 643</b>	<b>563, 364</b>	<b>524, 823</b>	<b>131, 762</b>	<b>656, 585</b>	<b>615, 279</b>	<b>133, 816</b>	<b>749, 095</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>373, 463</b>	<b>126, 078</b>	<b>499, 541</b>	<b>480, 345</b>	<b>125, 853</b>	<b>606, 198</b>	<b>575, 234</b>	<b>128, 809</b>	<b>704, 043</b>
2. Factories, plants, workshops, food canneries .....	373, 047	125, 968	499, 015	478, 787	125, 433	604, 220	573, 089	128, 461	701, 550
3. Mine and mine mill buildings .....	268	93	361	927	326	1, 253	2, 127	308	2, 435
4. Railway stations, offices, roadway buildings .....	141	12	153	624	83	707	18	21	39
5. Railway shops, engine houses, water and fuel stations .....	7	5	12	7	11	18	—	19	19
<b>Commercial .....</b>	<b>54, 352</b>	<b>4, 634</b>	<b>58, 986</b>	<b>41, 125</b>	<b>4, 349</b>	<b>45, 474</b>	<b>36, 958</b>	<b>4, 227</b>	<b>41, 185</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	27, 266	1, 132	28, 398	17, 152	1, 277	18, 429	18, 961	1, 227	20, 188
7. Grain elevators .....	68	23	91	2	12	14	9	17	26
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	119	99	218	29	49	78	78	53	131
9. Office buildings .....	15, 411	2, 750	18, 161	15, 348	2, 924	18, 272	9, 348	2, 853	12, 201
10. Stores, retail and wholesale .....	1, 775	456	2, 231	2, 250	42	2, 292	1, 742	31	1, 773
11. Garages and service stations .....	9, 705	150	9, 855	5, 841	40	5, 881	6, 780	41	6, 821
12. Theatres, arenas, amusement and recreational buildings ....	8	24	32	503	5	508	25	5	30
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	15	—	15
<b>Institutional .....</b>	<b>943</b>	<b>31</b>	<b>974</b>	<b>45</b>	<b>65</b>	<b>110</b>	<b>520</b>	<b>85</b>	<b>605</b>
14. Schools and other educational buildings .....	—	3	3	—	33	33	—	1	1
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7	27	34	—	11	11	350	10	360
17. Other institutional buildings .....	936	1	937	45	21	66	170	74	244
<b>Other building construction .....</b>	<b>2, 963</b>	<b>900</b>	<b>3, 863</b>	<b>3, 308</b>	<b>1, 495</b>	<b>4, 803</b>	<b>2, 567</b>	<b>695</b>	<b>3, 262</b>
18. Farm buildings (excluding dwellings) .....	325	107	432	253	68	321	304	89	393
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	9	—	9	11	—	11	2	—	2
20. Aeroplane hangars .....	193	121	314	128	888	1, 016	300	171	471
21. Passenger terminals, bus, boat or air .....	7	193	200	8	14	22	5	10	15
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1, 871	354	2, 225	1, 852	470	2, 322	1, 398	347	1, 745
24. Other building construction .....	558	125	683	1, 056	55	1, 111	558	78	636
<b>Total engineering construction .....</b>	<b>225, 399</b>	<b>61, 679</b>	<b>287, 078</b>	<b>217, 720</b>	<b>64, 992</b>	<b>282, 712</b>	<b>317, 501</b>	<b>67, 994</b>	<b>385, 495</b>
<b>Marine construction .....</b>	<b>1, 626</b>	<b>1, 620</b>	<b>3, 246</b>	<b>5, 296</b>	<b>1, 665</b>	<b>6, 961</b>	<b>10, 686</b>	<b>1, 492</b>	<b>12, 178</b>
25. Docks, wharves, piers, breakwaters .....	682	932	1, 614	4, 901	953	5, 854	9, 727	839	10, 566
26. Retaining walls, embankments, riprapping .....	484	4	488	235	46	281	210	22	232
27. Canals and waterways .....	—	18	18	5	21	26	5	3	8
28. Dredging and pile driving .....	2	421	423	30	458	488	54	449	503
29. Dyke construction .....	216	17	233	21	7	28	17	4	21
30. Logging booms .....	20	196	216	23	160	183	—	168	168
31. Other marine construction .....	222	32	254	81	20	101	673	7	680

See footnote(s) at end of table.



**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1968 - 70<sup>1,2,3,4</sup> - Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>8,251</b>	<b>2,815</b>	<b>11,066</b>	<b>11,164</b>	<b>2,530</b>	<b>13,694</b>	<b>9,979</b>	<b>2,495</b>	<b>12,474</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	3,614								
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....									
35. Grading, scraping, oiling, filling .....	4,466	804	5,270	3,934	687	4,621	2,830	523	3,353
36. Sidewalks, paths .....	136	59	195	3,439	86	3,525	3,225	81	3,306
37. Aerodromes, landing fields, runways, tarmac .....	23	34	57	8	24	32	—	15	15
	12	—	12	4	—	4	50	—	50
<b>Waterworks and sewage systems .....</b>	<b>14,133</b>	<b>1,958</b>	<b>16,091</b>	<b>10,411</b>	<b>1,852</b>	<b>12,263</b>	<b>12,051</b>	<b>1,829</b>	<b>13,880</b>
38. Tile drains, drainage ditches, storm sewers .....	667	60	727	2,083	53	2,136	887	131	1,018
39. Water mains, hydrants and services .....	2,610	640	3,250	1,427	413	1,840	988	418	1,406
40. Sewage systems and connections .....	7,245	715	7,960	5,435	674	6,109	7,961	628	8,589
41. Pumping stations, water .....	3,332	462	3,794	1,157	633	1,790	1,988	580	2,568
42. Water storage tanks .....	279	81	360	309	79	388	227	72	299
<b>Dams and irrigation .....</b>	<b>704</b>	<b>101</b>	<b>805</b>	<b>153</b>	<b>69</b>	<b>222</b>	<b>322</b>	<b>54</b>	<b>376</b>
43. Dams and reservoirs .....	704	101	805	153	69	222	322	54	376
44. Irrigation and land reclamation projects <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>6,431</b>	<b>2,708</b>	<b>9,139</b>	<b>9,121</b>	<b>2,493</b>	<b>11,614</b>	<b>13,635</b>	<b>2,364</b>	<b>15,999</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,900	1,509	4,409	4,668	1,605	6,273	3,180	1,377	4,557
46. Electric transformer stations .....	1,965	353	2,318	2,791	395	3,186	8,123	433	8,556
47. Power transmission and distribution lines, trolley wires .....	1,429	649	2,078	1,594	428	2,022	2,193	490	2,683
48. Street lighting .....	137	197	334	68	65	133	139	64	203
<b>Railway, telephone and telegraph .....</b>	<b>6,148</b>	<b>1,136</b>	<b>7,284</b>	<b>1,038</b>	<b>1,140</b>	<b>2,178</b>	<b>899</b>	<b>1,225</b>	<b>2,124</b>
49. Railway tracks and roadbed .....	6,062	1,065	7,127	991	1,109	2,100	870	1,188	2,058
50. Signals and interlockers .....	54	—	54	1	1	2	—	1	1
51. Telegraph and telephone lines, underground and marine cables	32	71	103	46	30	76	29	36	65
<b>Gas and oil facilities .....</b>	<b>107,419</b>	<b>48,122</b>	<b>155,541</b>	<b>98,472</b>	<b>48,067</b>	<b>146,539</b>	<b>107,014</b>	<b>50,669</b>	<b>157,683</b>
52. Gas mains and services .....	127	128	255	343	214	557	493	264	757
53. Pumping stations, oil .....	38	23	61	47	12	59	10	32	42
54. Pumping stations, gas .....	13	40	53	108	28	136	—	10	10
55. Oil storage tanks .....	3,028	1,819	4,847	5,788	1,496	7,284	5,163	1,790	6,953
56. Gas storage tanks .....	446	11	457	468	8	476	245	4	249
57. Oil pipe lines .....	498	109	607	970	113	1,083	979	134	1,113
58. Gas pipe lines .....	309	76	385	3	69	72	355	68	423
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	1	1	—	—	—	—	—	—
61. Oil refinery - Processing units <sup>3</sup> .....	102,960	45,915	148,875	90,745	46,127	136,872	99,769	48,367	148,136
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>80,687</b>	<b>3,219</b>	<b>83,906</b>	<b>82,065</b>	<b>7,176</b>	<b>89,241</b>	<b>162,915</b>	<b>7,866</b>	<b>170,781</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	727	110	837	1,336	111	1,447	851	70	921
64. Tunnels and subways .....	4	7	11	210	—	210	100	—	100
65. Incinerators .....	37	29	66	—	5	5	88	31	119
66. Park systems, landscaping, sodding, etc. ....	438	168	606	81	181	262	76	185	261
67. Swimming pools, tennis courts, outdoor recreation facilities ....	79	16	95	83	34	117	3	10	13
68. Mine shafts and other below surface workings .....	—	4	4	—	7	7	—	—	—
69. Fences, snowsheds, signs, guard rails .....	748	394	1,142	347	171	518	343	152	495
70. Other engineering construction .....	78,654	2,491	81,145	80,008	6,667	86,675	161,454	7,418	168,872

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> Included in "Other engineering construction".

<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 5, Table 6.

TABLE 12. Total Value of Construction Work Performed - New and Repair by Type of Structure by Utilities, 1968 - 70<sup>1,2</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>1, 773, 153</b>	<b>360, 991</b>	<b>2, 134, 144</b>	<b>1, 845, 288</b>	<b>363, 670</b>	<b>2, 208, 958</b>	<b>2, 090, 840</b>	<b>399, 445</b>	<b>2, 490, 285</b>
<b>Total building construction</b> .....	<b>144, 815</b>	<b>48, 041</b>	<b>192, 856</b>	<b>171, 169</b>	<b>44, 253</b>	<b>215, 422</b>	<b>214, 023</b>	<b>48, 295</b>	<b>262, 318</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>18, 653</b>	<b>21, 504</b>	<b>40, 157</b>	<b>18, 693</b>	<b>19, 906</b>	<b>38, 599</b>	<b>23, 672</b>	<b>21, 714</b>	<b>45, 386</b>
2. Factories, plants, workshops, food canneries ....	5, 678	2, 737	8, 415	2, 475	1, 435	3, 910	5, 445	1, 795	7, 240
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings ....	7, 454	11, 762	19, 216	8, 883	11, 090	19, 973	9, 980	11, 877	21, 857
5. Railway shops, engine houses, water and fuel stations .....	5, 521	7, 005	12, 526	7, 335	7, 381	14, 716	8, 247	8, 042	16, 289
<b>Commercial</b> .....	<b>59, 600</b>	<b>16, 564</b>	<b>76, 164</b>	<b>59, 200</b>	<b>12, 242</b>	<b>71, 442</b>	<b>84, 151</b>	<b>12, 102</b>	<b>96, 253</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	18, 575	4, 836	23, 411	17, 667	4, 414	22, 081	13, 225	4, 573	17, 798
7. Grain elevators .....	9, 493	7, 165	16, 658	5, 630	4, 141	9, 771	4, 925	3, 861	8, 786
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	634	28	662	6	25	31	—	22	22
9. Office buildings .....	19, 535	2, 774	22, 309	28, 003	2, 527	30, 530	61, 128	2, 172	63, 300
10. Stores, retail and wholesale .....	530	—	530	449	40	489	807	45	852
11. Garages and service stations .....	10, 833	1, 720	12, 553	7, 445	1, 023	8, 468	3, 766	1, 383	5, 149
12. Theatres, arenas, amusement and recreational buildings .....	—	41	41	—	72	72	300	46	346
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional</b> .....	<b>—</b>	<b>25</b>	<b>25</b>	<b>—</b>	<b>22</b>	<b>22</b>	<b>—</b>	<b>18</b>	<b>18</b>
14. Schools and other educational buildings .....	—	9	9	—	8	8	—	7	7
15. Churches and other religious buildings .....	—	2	2	—	1	1	—	1	1
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	—	14	14	—	13	13	—	10	10
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction</b> .....	<b>66, 562</b>	<b>9, 948</b>	<b>76, 510</b>	<b>93, 276</b>	<b>12, 083</b>	<b>105, 359</b>	<b>106, 200</b>	<b>14, 461</b>	<b>120, 661</b>
18. Farm buildings (excluding dwellings) .....	41	28	69	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	33, 306	7, 180	40, 486	47, 572	4, 018	51, 590	53, 747	4, 050	57, 797
20. Aeroplane hangars .....	12, 345	114	12, 459	15, 883	307	16, 190	12, 045	447	12, 492
21. Passenger terminals, bus, boat or air .....	7, 114	1, 745	8, 859	5, 368	671	6, 039	18, 539	1, 031	19, 570
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	63	63	—	54	54
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8, 067	208	8, 275	3, 664	97	3, 761	2, 931	120	3, 051
24. Other building construction .....	5, 689	673	6, 362	20, 789	6, 927	27, 716	18, 938	8, 759	27, 697
<b>Total engineering construction</b> .....	<b>1, 628, 338</b>	<b>312, 950</b>	<b>1, 941, 288</b>	<b>1, 674, 119</b>	<b>319, 417</b>	<b>1, 993, 536</b>	<b>1, 876, 817</b>	<b>351, 150</b>	<b>2, 227, 967</b>
<b>Marine construction</b> .....	<b>35, 445</b>	<b>6, 949</b>	<b>42, 394</b>	<b>46, 865</b>	<b>6, 993</b>	<b>53, 858</b>	<b>34, 802</b>	<b>6, 650</b>	<b>41, 452</b>
25. Docks, wharves, piers, breakwaters .....	16, 152	3, 846	19, 998	22, 788	2, 792	25, 580	19, 351	2, 789	22, 140
26. Retaining walls, embankments, riprapping .....	—	102	102	1, 708	—	1, 708	2, 500	—	2, 500
27. Canals and waterways .....	18, 349	1, 761	20, 110	18, 798	3, 393	22, 191	11, 693	3, 402	15, 095
28. Dredging and pile driving .....	478	721	1, 199	1, 084	584	1, 668	138	211	349
29. Dyke construction .....	12	—	12	23	3	26	40	—	40
30. Logging booms .....	—	—	—	5	—	5	146	—	146
31. Other marine construction .....	454	519	973	2, 459	221	2, 680	934	248	1, 182

See footnote(s) at end of table.

TABLE 12. Total Value of Construction Work Performed - New and Repair by Type of Structure by Utilities, 1968 - 70<sup>1,2</sup> - Concluded

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>12,687</b>	<b>922</b>	<b>13,609</b>	<b>7,882</b>	<b>974</b>	<b>8,856</b>	<b>11,073</b>	<b>1,340</b>	<b>12,413</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	11,225	748	11,973	6,771	947	7,718	10,547	1,307	11,854
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	333	80	413	50	2	52	25	12	37
34. Dirt, clay or other streets, roads, parking lots, etc. ....	183	94	277	332	4	336	501	9	510
35. Grading, scraping, oiling, filling .....	—	—	—	—	3	3	—	—	—
36. Sidewalks, paths .....	946	—	946	729	18	747	—	12	12
37. Aerodromes, landing fields, runways, tarmac .....									
<b>Waterworks and sewage systems</b> .....	<b>88,732</b>	<b>24,889</b>	<b>113,621</b>	<b>68,851</b>	<b>28,094</b>	<b>96,945</b>	<b>108,129</b>	<b>29,088</b>	<b>137,217</b>
38. Tile drains, drainage ditches, storm sewers .....	656	71	727	1	54	55	20	34	54
39. Water mains, hydrants and services .....	62,311	21,762	84,073	52,379	22,806	75,185	65,598	23,770	89,368
40. Sewage systems and connections .....	5,386	126	5,512	4,203	58	4,261	17,115	55	17,170
41. Pumping stations, water .....	19,186	2,818	22,004	10,653	5,075	15,728	21,450	5,114	26,564
42. Water storage tanks .....	1,193	112	1,305	1,615	101	1,716	3,946	115	4,061
<b>Dams and irrigation</b> .....	<b>174,531</b>	<b>684</b>	<b>175,215</b>	<b>117,902</b>	<b>623</b>	<b>118,525</b>	<b>163,777</b>	<b>562</b>	<b>164,339</b>
43. Dams and reservoirs .....	174,531	684	175,215	117,902	621	118,523	163,777	560	164,337
44. Irrigation and land reclamation projects .....	—	—	—	—	2	2	—	2	2
<b>Electric power construction</b> .....	<b>662,892</b>	<b>67,950</b>	<b>730,842</b>	<b>747,320</b>	<b>77,170</b>	<b>824,490</b>	<b>770,472</b>	<b>88,353</b>	<b>858,825</b>
45. Electric power generating plants, including water conveying and controlling structures .....	320,532	16,590	337,122	343,924	23,523	367,447	274,664	26,885	301,549
46. Electric transformer stations .....	40,533	6,530	47,063	52,171	6,005	58,176	67,779	6,854	74,633
47. Power transmission and distribution lines, trolley wires .....	291,748	41,899	333,647	341,693	44,693	386,386	418,558	51,416	469,974
48. Street lighting .....	10,079	2,931	13,010	9,532	2,949	12,481	9,471	3,198	12,669
<b>Railway, telephone and telegraph</b> .....	<b>306,352</b>	<b>178,083</b>	<b>484,435</b>	<b>332,443</b>	<b>177,245</b>	<b>509,688</b>	<b>360,621</b>	<b>194,071</b>	<b>554,692</b>
49. Railway tracks and roadbed .....	107,587	106,246	213,833	129,245	110,277	239,522	149,645	120,210	269,855
50. Signals and interlockers .....	9,188	12,933	22,121	11,674	13,811	25,485	13,671	14,893	28,564
51. Telegraph and telephone lines, underground and marine cables	189,577	58,904	248,481	191,524	53,157	244,681	197,305	58,968	256,273
<b>Gas and oil facilities</b> .....	<b>273,831</b>	<b>21,124</b>	<b>294,955</b>	<b>270,951</b>	<b>16,617</b>	<b>287,568</b>	<b>284,412</b>	<b>18,157</b>	<b>302,569</b>
52. Gas mains and services .....	85,950	7,823	93,773	111,836	7,965	119,801	92,797	8,366	101,163
53. Pumping stations, oil .....	8,252	2,306	10,558	6,546	2,325	8,871	6,828	2,598	9,426
54. Pumping stations, gas .....	30,258	3,413	33,671	27,496	898	28,394	45,494	1,183	46,677
55. Oil storage tanks .....	2,534	302	2,836	1,877	154	2,031	1,115	161	1,276
56. Gas storage tanks .....	5,829	43	5,872	5,409	73	5,482	1,510	109	1,619
57. Oil pipe lines .....	40,897	3,958	44,855	31,236	2,818	34,054	11,887	3,165	15,052
58. Gas pipe lines .....	98,182	2,883	101,065	84,052	2,354	86,406	120,098	2,536	122,634
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	424	206	630	686	16	702	685	26	711
61. Oil refinery - Processing units .....	—	—	—	—	12	12	—	13	13
62. Natural gas cleaning plants .....	1,505	190	1,695	1,813	2	1,815	3,998	—	3,998
<b>Other engineering construction</b> .....	<b>73,868</b>	<b>12,349</b>	<b>86,217</b>	<b>81,905</b>	<b>11,701</b>	<b>93,606</b>	<b>143,531</b>	<b>12,929</b>	<b>156,460</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	23,218	8,029	31,247	16,793	8,426	25,219	18,375	8,981	27,356
64. Tunnels and subways .....	11,144	676	11,820	19,693	447	20,140	36,840	1,099	37,939
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	5	48	53	147	98	245	69	39	108
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,448	1,814	3,262	1,653	1,565	3,218	1,823	1,692	3,515
70. Other engineering construction .....	38,053	1,782	39,835	43,619	1,165	44,784	86,424	1,118	87,542

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.



**TABLE 13. Total Value of Construction Work Performed – New and Repair by Type of Structure by Trade Finance and Commercial Services, 1968 - 70<sup>1,2,3</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>709,431</b>	<b>125,546</b>	<b>834,977</b>	<b>697,843</b>	<b>119,186</b>	<b>817,029</b>	<b>834,592</b>	<b>114,348</b>	<b>948,940</b>
<b>Total building construction .....</b>	<b>685,703</b>	<b>120,288</b>	<b>805,991</b>	<b>680,061</b>	<b>116,530</b>	<b>796,591</b>	<b>806,051</b>	<b>110,635</b>	<b>916,686</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>22,431</b>	<b>1,205</b>	<b>23,636</b>	<b>20,705</b>	<b>3,756</b>	<b>24,461</b>	<b>24,044</b>	<b>2,145</b>	<b>26,189</b>
2. Factories, plants, workshops, food canneries .....	21,707	1,205	22,912	20,705	3,756	24,461	24,044	2,145	26,189
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	724	—	724	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>650,211</b>	<b>118,883</b>	<b>769,094</b>	<b>650,896</b>	<b>112,360</b>	<b>763,256</b>	<b>745,840</b>	<b>108,483</b>	<b>854,323</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	61,249	10,464	71,713	44,949	8,789	53,738	44,158	8,771	52,929
7. Grain elevators .....	385	3	388	83	28	111	60	14	74
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	56,698	16,261	72,959	58,594	15,702	74,296	85,762	15,337	101,099
9. Office buildings .....	269,077	27,977	297,054	266,130	26,879	293,009	307,926	29,162	337,088
10. Stores, retail and wholesale .....	185,800	43,787	229,587	202,295	39,643	241,938	217,843	35,237	253,080
11. Garages and service stations .....	41,985	14,961	56,946	57,238	15,900	73,138	61,187	15,017	76,204
12. Theatres, arenas, amusement and recreational buildings .....	31,997	4,295	36,292	19,790	4,196	23,986	27,881	3,826	31,707
13. Laundries and dry cleaning establishments .....	3,020	1,135	4,155	1,817	1,223	3,040	1,023	1,119	2,142
<b>Institutional .....</b>	<b>8,190</b>	<b>10</b>	<b>8,200</b>	<b>6,276</b>	<b>407</b>	<b>6,683</b>	<b>17,605</b>	<b>7</b>	<b>17,612</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	1,260	—	1,260	231	—	231	824	—	824
17. Other institutional buildings .....	6,930	10	6,940	6,045	407	6,452	16,781	7	16,788
<b>Other building construction .....</b>	<b>4,871</b>	<b>190</b>	<b>5,061</b>	<b>2,184</b>	<b>7</b>	<b>2,191</b>	<b>18,562</b>	<b>—</b>	<b>18,562</b>
18. Farm buildings (excluding dwellings) .....	254	—	254	5	7	12	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	2	2	—	—	—	300	—	300
24. Other building construction .....	4,617	188	4,805	2,179	—	2,179	18,262	—	18,262
<b>Total engineering construction .....</b>	<b>23,728</b>	<b>5,258</b>	<b>28,986</b>	<b>17,782</b>	<b>2,656</b>	<b>20,438</b>	<b>28,541</b>	<b>3,713</b>	<b>32,254</b>
<b>Marine construction .....</b>	<b>335</b>	<b>133</b>	<b>468</b>	<b>257</b>	<b>4</b>	<b>261</b>	<b>223</b>	<b>4</b>	<b>227</b>
25. Docks, wharves, piers, breakwaters .....	301	133	434	161	4	165	152	4	156
26. Retaining walls, embankments, riprapping .....	23	—	23	46	—	46	60	—	60
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	2	—	2	—	—	—	—	—	—
29. Dyke construction .....	3	—	3	50	—	50	11	—	11
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	6	—	6	—	—	—	—	—	—

See footnote(s) at end of table.

**TABLE 13. Total Value of Construction Work Performed — New and Repair by Type of Structure by Trade Finance and Commercial Services, 1968 - 70<sup>1,2,3</sup> — Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>6,966</b>	<b>893</b>	<b>7,859</b>	<b>4,368</b>	<b>1,260</b>	<b>5,628</b>	<b>6,920</b>	<b>1,340</b>	<b>8,260</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	5,646	861	6,507	3,214	948	4,162	6,184	1,327	7,511
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	2	14	16	278	—	278	40	—	40
34. Dirt, clay or other streets, roads, parking lots, etc. ....	1,260	10	1,270	692	12	704	513	13	526
35. Grading, scraping, oiling, filling .....	58	8	66	184	300	484	183	—	183
36. Sidewalks, paths .....	—	—	—	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>4,163</b>	<b>17</b>	<b>4,180</b>	<b>5,142</b>	<b>14</b>	<b>5,156</b>	<b>10,803</b>	<b>968</b>	<b>11,771</b>
38. Tile drains, drainage ditches, storm sewers .....	2,697	11	2,708	2,388	6	2,394	5,713	961	6,674
39. Water mains, hydrants and services .....	724	—	724	1,461	2	1,463	2,529	—	2,529
40. Sewage systems and connections .....	348	6	354	1,013	6	1,019	2,452	7	2,459
41. Pumping stations, water .....	394	—	394	278	—	278	100	—	100
42. Water storage tanks .....	—	—	—	2	—	2	9	—	9
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>74</b>	<b>—</b>	<b>74</b>	<b>61</b>	<b>—</b>	<b>61</b>
43. Dams and reservoirs .....	—	—	—	—	—	—	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	74	—	74	61	—	61
<b>Electric power construction .....</b>	<b>367</b>	<b>49</b>	<b>416</b>	<b>215</b>	<b>—</b>	<b>215</b>	<b>928</b>	<b>—</b>	<b>928</b>
45. Electric power generating plants, including water conveying and controlling structures .....	37	—	37	—	—	—	—	—	—
46. Electric transformer stations .....	1	—	1	20	—	20	—	—	—
47. Power transmission and distribution lines, trolley wires .....	105	—	105	103	—	103	197	—	197
48. Street lighting .....	224	49	273	92	—	92	731	—	731
<b>Railway, telephone and telegraph .....</b>	<b>51</b>	<b>—</b>	<b>51</b>	<b>12</b>	<b>6</b>	<b>18</b>	<b>61</b>	<b>—</b>	<b>61</b>
49. Railway tracks and roadbed .....	51	—	51	12	6	18	61	—	61
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities .....</b>	<b>8,263</b>	<b>634</b>	<b>8,897</b>	<b>6,822</b>	<b>1,288</b>	<b>8,110</b>	<b>7,573</b>	<b>1,304</b>	<b>8,877</b>
52. Gas mains and services .....	—	—	—	—	—	—	148	—	148
53. Pumping stations, oil .....	—	—	—	409	145	554	451	155	606
54. Pumping stations, gas .....	—	—	—	118	109	227	97	120	217
55. Oil storage tanks .....	7,240	628	7,868	5,439	928	6,367	5,876	915	6,791
56. Gas storage tanks .....	706	3	709	717	106	823	878	114	992
57. Oil pipe lines .....	167	3	170	134	—	134	87	—	87
58. Gas pipe lines .....	150	—	150	5	—	5	36	—	36
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>3,583</b>	<b>3,532</b>	<b>7,115</b>	<b>892</b>	<b>84</b>	<b>976</b>	<b>1,972</b>	<b>97</b>	<b>2,069</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1	—	1	—	—	—	227	—	227
64. Tunnels and subways .....	—	—	—	25	—	25	349	—	349
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	803	18	821	195	12	207	279	13	292
67. Swimming pools, tennis courts, outdoor recreation facilities .....	152	572	724	97	—	97	439	—	439
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	503	40	543	208	37	245	372	38	410
70. Other engineering construction .....	2,124	2,902	5,026	367	35	402	306	46	352

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> Included in "Other engineering construction".

<sup>3</sup> See footnote 5, Table 6.

**TABLE 14. Total Value of Construction Work Performed—New and Repair by Type of Structure by Federal Government Departments, 1968-70<sup>1,2</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>339,259</b>	<b>91,819</b>	<b>431,078</b>	<b>364,631</b>	<b>58,644</b>	<b>423,275</b>	<b>421,733</b>	<b>59,770</b>	<b>481,503</b>
<b>Total building construction .....</b>	<b>163,283</b>	<b>57,520</b>	<b>220,803</b>	<b>155,553</b>	<b>36,709</b>	<b>192,262</b>	<b>176,223</b>	<b>37,323</b>	<b>213,546</b>
2. Factories, plants, workshops, food canneries .....	9,426	16,084	25,510	7,991	11,061	19,052	9,144	11,261	20,405
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,515	3,161	7,676	4,778	1,795	6,573	4,985	1,827	6,812
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,874	2,059	3,933	1,251	1,099	2,350	1,325	1,110	2,435
9. Office buildings .....	67,114	13,113	80,227	61,129	9,069	70,198	72,457	9,089	81,546
10. Stores, retail and wholesale .....	45	541	586	41	238	279	50	241	291
11. Garages and service stations .....	1,198	791	1,989	1,139	396	1,535	1,324	403	1,727
12. Theatres, arenas, amusement and recreational buildings .....	15,007	1,229	16,236	13,168	681	13,849	16,509	698	17,207
14. Schools and other educational buildings .....	13,976	1,571	15,547	14,472	821	15,293	15,833	836	16,669
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,296	2,031	13,327	13,278	1,281	14,559	12,600	1,333	13,933
17. Other institutional buildings .....	11,787	608	12,395	11,895	264	12,159	12,551	274	12,825
18. Farm buildings (excluding dwellings) .....	491	356	847	478	229	707	624	236	860
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,310	379	2,689	2,269	183	2,452	2,511	180	2,691
20. Aeroplane hangars .....	1,004	2,338	3,342	1,034	1,349	2,383	1,176	1,391	2,567
21. Passenger terminals, bus, boat or air .....	3,756	480	4,236	3,839	709	4,548	4,011	745	4,756
22. Armouries, barracks, drill halls, etc. ....	2,306	9,234	11,540	2,217	5,478	7,695	2,618	5,607	8,225
24. Other building construction .....	17,178	3,545	20,723	16,574	2,056	18,630	18,505	2,092	20,597
<b>Total engineering construction .....</b>	<b>175,976</b>	<b>34,299</b>	<b>210,275</b>	<b>209,078</b>	<b>21,935</b>	<b>231,013</b>	<b>245,510</b>	<b>22,447</b>	<b>267,957</b>
25. Docks, wharves, piers, breakwaters .....	24,853	6,136	30,989	20,243	4,235	24,478	21,630	4,225	25,855
26. Retaining walls, embankments, riprapping .....	4,320	542	4,862	4,895	353	5,248	4,858	365	5,223
27. Canals and waterways .....	3,604	887	4,491	3,586	569	4,155	3,872	574	4,446
28. Dredging and pile driving .....	3,294	438	3,732	3,294	271	3,565	3,502	272	3,774
29. Dyke construction .....	1,154	313	1,467	976	120	1,096	1,055	124	1,179
31. Other marine construction .....	4,559	882	5,441	4,664	881	5,545	4,901	917	5,818
32. Hard surfaced or paved streets, highways, parking lots, etc. ...	28,184	5,150	33,334	29,273	3,107	32,380	31,240	3,192	34,432
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	451	311	762	464	186	650	502	193	695
35. Grading, scraping, oiling, filling .....	29	393	422	32	240	272	45	255	300
37. Aerodromes, landing fields, runways, tarmac .....	8,269	1,646	9,915	8,448	901	9,349	9,450	932	10,382
38. Tile drains, drainage ditches, storm sewers .....	446	471	917	398	240	638	468	244	712
39. Water mains, hydrants and services .....	5,335	1,201	6,536	5,309	690	5,999	5,850	712	6,562
40. Sewage systems and connections .....	2,086	744	2,830	2,077	429	2,506	2,278	440	2,718
43. Dams and reservoirs .....	12,814	1,508	14,322	12,777	704	13,481	16,598	753	17,351
44. Irrigation and land reclamation projects .....	847	1,007	1,854	900	479	1,379	1,051	501	1,552
45. Electric power generating plants, including water conveying and controlling structures .....	25,141	1,821	26,962	19,609	1,096	20,705	10,319	1,131	11,450
46. Electric transformer stations .....	101	50	151	98	35	133	113	36	149
47. Power transmission and distribution lines, trolley wires .....	33,288	1,041	34,329	62,991	781	63,772	68,281	809	69,090
55. Oil storage tanks .....	109	306	415	106	102	208	110	103	213
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,038	532	2,570	1,984	335	2,319	2,230	337	2,567
66. Park systems, landscaping, sodding, etc. ....	8,008	2,849	10,857	7,921	1,719	9,640	8,907	1,761	10,668
67. Swimming pools, tennis courts, outdoor recreation facilities ...	712	882	1,594	725	453	1,178	826	457	1,283
69. Fences, snowsheds, signs, guard rails .....	774	306	1,080	770	185	955	974	189	1,163
70. Other engineering construction .....	5,560	4,883	10,443	17,538	3,824	21,362	46,450	3,925	50,375

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.



**TABLE 15. Total Value of Construction Work Performed—New and Repair by Type of Structure by Provincial Government Departments, 1968 - 70<sup>1, 2</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>784,452</b>	<b>258,954</b>	<b>1,043,406</b>	<b>795,451</b>	<b>247,242</b>	<b>1,042,693</b>	<b>849,149</b>	<b>259,053</b>	<b>1,108,202</b>
<b>Total building construction .....</b>	<b>86,063</b>	<b>26,930</b>	<b>112,993</b>	<b>70,059</b>	<b>20,646</b>	<b>90,705</b>	<b>88,817</b>	<b>22,347</b>	<b>111,164</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,037	772	3,809	4,599	1,534	6,133	3,262	1,105	4,367
9. Office buildings .....	36,897	9,982	46,879	27,491	9,556	37,047	39,650	10,682	50,332
10. Stores, retail and wholesale .....	6	37	43	—	29	29	—	—	—
17. Other institutional buildings .....	30,591	9,247	39,838	17,571	5,943	23,514	20,499	6,921	27,420
24. Other building construction .....	15,532	6,892	22,424	20,398	3,584	23,982	25,406	3,639	29,045
<b>Total engineering construction .....</b>	<b>698,389</b>	<b>232,024</b>	<b>930,413</b>	<b>725,392</b>	<b>226,596</b>	<b>951,988</b>	<b>760,332</b>	<b>236,706</b>	<b>997,038</b>
25. Docks, wharves, piers, breakwaters .....	1,667	463	2,130	3,723	1,232	4,955	2,289	1,522	3,811
26. Retaining walls, embankments, riprapping .....	8,495	4,258	12,753	9,649	3,690	13,339	10,665	3,824	14,489
31. Other marine construction .....	7,008	4,309	11,317	1,595	4,422	6,017	6,857	4,619	11,476
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	464,656	155,335	619,991	456,322	147,615	603,937	460,569	154,308	614,877
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	9,897	20,353	30,250	22,826	17,225	40,051	25,631	17,921	43,552
35. Grading, scraping, oiling, filling .....	35,725	16,823	52,548	41,223	20,881	62,104	45,339	21,492	66,831
38. Tile drains, drainage ditches, storm sewers .....	9,024	4,363	13,387	12,218	4,151	16,369	12,459	4,658	17,117
39. Water mains, hydrants and services .....	1,660	69	1,729	3,548	146	3,694	3,855	161	4,016
40. Sewage systems and connections .....	1,435	1,011	2,446	1,720	881	2,601	3,389	919	4,308
43. Dams and reservoirs .....	6,453	95	6,548	10,237	129	10,366	10,368	170	10,538
44. Irrigation and land reclamation projects .....	2,688	411	3,099	3,275	169	3,444	3,753	146	3,899
47. Power transmission and distribution lines, trolley wires	11	—	11	704	56	760	628	61	689
51. Telegraph and telephone lines, underground and marine cables .....	1,917	37	1,954	637	—	637	696	—	696
63. Bridges, trestles, culverts, overpasses, viaducts .....	118,355	17,452	135,807	122,895	17,845	140,740	135,397	18,360	153,757
66. Park systems, landscaping, sodding, etc. ....	4,981	2,872	7,853	7,911	4,055	11,966	8,489	4,205	12,694
67. Swimming pools, tennis courts, outdoor recreation facilities	270	76	346	2,467	772	3,239	2,442	831	3,273
69. Fences, snowsheds, signs, guard rails .....	3,257	1,830	5,087	4,541	1,508	6,049	6,168	1,602	7,770
70. Other engineering construction .....	20,890	2,267	23,157	19,901	1,819	21,720	21,338	1,907	23,245

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.

**TABLE 16. Total Value of Construction Work Performed—New and Repair by Type of Structure by Municipal Government Departments, 1968-70<sup>1,2</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>555,299</b>	<b>176,811</b>	<b>732,110</b>	<b>613,338</b>	<b>171,592</b>	<b>784,930</b>	<b>701,564</b>	<b>206,617</b>	<b>908,181</b>
<b>Total building construction .....</b>	<b>79,950</b>	<b>8,558</b>	<b>88,508</b>	<b>89,378</b>	<b>9,666</b>	<b>99,044</b>	<b>127,664</b>	<b>11,036</b>	<b>138,700</b>
9. Office buildings .....	14,148	3,065	17,213	13,031	2,985	16,016	20,141	3,769	23,910
12. Theatres, arenas, amusement and recreational buildings .....	32,219	3,001	35,220	31,965	3,695	35,660	45,312	4,193	49,505
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,068	529	7,597	9,273	916	10,189	11,863	545	12,408
17. Other institutional buildings .....	7,511	1,073	8,584	11,573	939	12,512	18,192	1,265	19,457
24. Other building construction .....	19,004	890	19,894	23,536	1,131	24,667	32,156	1,264	33,420
<b>Total engineering construction .....</b>	<b>475,349</b>	<b>168,253</b>	<b>643,602</b>	<b>523,960</b>	<b>161,926</b>	<b>685,886</b>	<b>573,900</b>	<b>195,581</b>	<b>769,481</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	216,881	104,977	321,858	220,054	96,572	316,626	230,779	117,070	347,849
36. Sidewalks, paths .....	14,600	7,993	22,593	14,211	8,299	22,510	14,454	9,800	24,254
40. Sewage systems and connections .....	153,306	28,360	181,666	179,774	25,799	205,573	210,522	30,678	241,200
48. Street lighting .....	5,535	1,856	7,391	7,029	2,074	9,103	6,762	2,320	9,082
63. Bridges, trestles, culverts, overpasses, viaducts .....	52,913	3,488	56,401	59,295	3,530	62,825	49,370	5,535	54,905
70. Other engineering construction .....	32,114	21,579	53,693	43,597	25,652	69,249	62,013	30,178	92,191

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.

**TABLE 17. Total Value of Construction Work Performed—New and Repair by Residential and Institutional Services, 1968-70<sup>1,2</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential:</b>									
<b>Total value of construction .....</b>	<b>2,806,423</b>	<b>780,334</b>	<b>3,586,757</b>	<b>3,370,000</b>	<b>844,000</b>	<b>4,214,000</b>	<b>3,200,000</b>	<b>864,600</b>	<b>4,064,600</b>
<b>Institutional:</b>									
<b>Total value of construction .....</b>	<b>1,196,900</b>	<b>90,530</b>	<b>1,287,430</b>	<b>1,152,408</b>	<b>105,490</b>	<b>1,257,898</b>	<b>1,242,438</b>	<b>108,612</b>	<b>1,351,050</b>
<b>Total building construction .....</b>	<b>1,184,220</b>	<b>90,145</b>	<b>1,274,365</b>	<b>1,142,076</b>	<b>104,775</b>	<b>1,246,851</b>	<b>1,229,319</b>	<b>107,701</b>	<b>1,337,020</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	46	46	—	—	—	—	19	19
9. Office buildings .....	—	26	26	50	38	88	—	72	72
12. Theatres, arenas, amusement and recreational buildings .....	1,406	22	1,428	1,755	29	1,784	4,509	41	4,550
14. Schools and other educational buildings .....	915,390	52,461	967,851	883,015	61,263	944,278	914,693	63,703	978,396
15. Churches and other religious buildings .....	35,602	7,091	42,693	24,959	11,173	36,132	23,723	7,416	31,139
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	193,686	27,302	220,988	200,628	29,444	230,072	243,887	33,904	277,791
17. Other institutional buildings .....	37,984	3,162	41,146	30,324	2,636	32,960	41,538	2,306	43,844
18. Farm buildings (excluding dwellings) .....	9	33	42	93	37	130	50	50	100
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	257	128	385	76	156	232
24. Other building construction .....	143	2	145	995	27	1,022	843	34	877
<b>Total engineering construction .....</b>	<b>12,680</b>	<b>385</b>	<b>13,065</b>	<b>10,332</b>	<b>715</b>	<b>11,047</b>	<b>13,119</b>	<b>911</b>	<b>14,030</b>

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.

TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1968 - 70<sup>1,2,3</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>265,914</b>	<b>42,743</b>	<b>308,657</b>	<b>308,588</b>	<b>54,905</b>	<b>363,493</b>	<b>362,202</b>	<b>60,991</b>	<b>423,193</b>
<b>Total building construction .....</b>	<b>105,663</b>	<b>26,377</b>	<b>132,040</b>	<b>81,667</b>	<b>43,412</b>	<b>125,079</b>	<b>96,881</b>	<b>48,449</b>	<b>145,330</b>
Residential .....	52,105	13,425	65,530	52,100	14,400	66,500	50,600	15,500	66,100
Industrial .....	8,161	5,940	14,101	4,741	16,520	21,261	5,246	18,545	23,791
Commercial .....	14,418	2,980	17,398	8,110	4,246	12,356	11,515	4,228	15,743
Institutional .....	21,670	3,607	25,277	10,546	1,787	12,333	22,971	2,013	24,984
Other building construction .....	9,309	425	9,734	6,170	6,459	12,629	6,549	8,163	14,712
<b>Total engineering construction .....</b>	<b>160,251</b>	<b>16,366</b>	<b>176,617</b>	<b>226,921</b>	<b>11,493</b>	<b>238,414</b>	<b>265,321</b>	<b>12,542</b>	<b>277,863</b>
Marine construction .....	6,380	1,221	7,601	5,315	996	6,311	2,014	900	2,914
Road, highway and aerodrome construction .....	46,757	7,926	54,683	47,704	6,848	54,552	30,424	8,005	38,429
Waterworks and sewage systems .....	3,963	338	4,301	587	68	655	1,151	89	1,240
Dams and irrigation <sup>2</sup> .....	62,780	1,720	64,500	117,217	1,127	118,344	144,158	1,328	145,486
Electric power construction <sup>2</sup> .....									
Railway, telephone and telegraph .....	3,614	2,309	5,923	3,858	1,497	5,355	5,116	1,108	6,224
Gas and oil facilities .....	1,076	323	1,399	8,545	219	8,764	25,382	202	25,584
Other engineering construction <sup>2</sup> .....	35,681	2,529	38,210	43,695	738	44,433	57,076	910	57,986

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> "Other engineering" includes expenditures which were applicable to "Electric power construction," "Dams and irrigation" and other types of structures but could not be specifically allocated to those categories.

<sup>3</sup> See footnote 5, Table 6.

TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1968 - 70<sup>1,2</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>25,260</b>	<b>8,630</b>	<b>33,890</b>	<b>27,549</b>	<b>8,741</b>	<b>36,290</b>	<b>31,218</b>	<b>8,934</b>	<b>40,152</b>
<b>Total building construction .....</b>	<b>13,024</b>	<b>5,710</b>	<b>18,734</b>	<b>15,316</b>	<b>5,516</b>	<b>20,832</b>	<b>16,063</b>	<b>5,738</b>	<b>21,801</b>
Residential .....	6,909	2,724	9,633	10,800	3,000	13,800	10,400	3,300	13,700
Industrial .....	325	476	801	285	421	706	449	399	848
Commercial .....	1,285	747	2,032	1,958	593	2,551	1,223	552	1,775
Institutional .....	3,485	641	4,126	1,337	445	1,782	2,749	406	3,155
Other building construction .....	1,020	1,122	2,142	936	1,057	1,993	1,242	1,081	2,323
<b>Total engineering construction .....</b>	<b>12,236</b>	<b>2,920</b>	<b>15,156</b>	<b>12,233</b>	<b>3,225</b>	<b>15,458</b>	<b>15,155</b>	<b>3,196</b>	<b>18,351</b>
Marine construction .....	457	158	615	676	106	782	1,302	108	1,410
Road, highway and aerodrome construction .....	7,168	1,449	8,617	7,959	1,558	9,517	6,459	1,411	7,870
Waterworks and sewage systems .....	274	279	553	494	282	776	1,991	275	2,266
Dams and irrigation .....	89	103	192	124	108	232	115	110	225
Electric power construction .....	3,313	398	3,711	1,677	520	2,197	2,335	582	2,917
Railway, telephone and telegraph .....	540	214	754	622	199	821	724	227	951
Gas and oil facilities .....	82	7	89	164	49	213	1,566	51	1,617
Other engineering construction .....	313	312	625	517	403	920	663	432	1,095

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 5, Table 6.



**TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure — Nova Scotia, 1968 - 70<sup>1, 2, 3, 4, 5</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>305, 636</b>	<b>76, 459</b>	<b>382, 095</b>	<b>377, 403</b>	<b>70, 479</b>	<b>447, 882</b>	<b>386, 732</b>	<b>71, 836</b>	<b>458, 568</b>
<b>Total building construction .....</b>	<b>149, 415</b>	<b>42, 788</b>	<b>192, 203</b>	<b>211, 498</b>	<b>40, 656</b>	<b>252, 154</b>	<b>245, 800</b>	<b>40, 661</b>	<b>286, 461</b>
<b>Residential .....</b>	<b>60, 451</b>	<b>20, 640</b>	<b>81, 091</b>	<b>93, 400</b>	<b>22, 200</b>	<b>115, 600</b>	<b>101, 700</b>	<b>23, 500</b>	<b>125, 200</b>
<b>Industrial .....</b>	<b>11, 693</b>	<b>5, 102</b>	<b>16, 795</b>	<b>19, 981</b>	<b>6, 587</b>	<b>26, 568</b>	<b>60, 387</b>	<b>5, 102</b>	<b>65, 489</b>
2. Factories, plants, workshops, food canneries .....	11, 101	4, 596	15, 697	17, 309	4, 793	22, 102	56, 763	3, 257	60, 020
3. Mine and mine mill buildings .....	336	153	489	2, 284	1, 386	3, 670	3, 224	1, 407	4, 631
4. Railway stations, offices, roadway buildings .....	162	229	391	227	242	469	236	260	496
5. Railway shops, engine houses, water and fuel stations .....	94	124	218	161	166	327	164	178	342
<b>Commercial .....</b>	<b>21, 060</b>	<b>9, 156</b>	<b>30, 216</b>	<b>29, 593</b>	<b>5, 210</b>	<b>34, 803</b>	<b>23, 848</b>	<b>5, 075</b>	<b>28, 923</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1, 706	1, 454	3, 160	436	581	1, 017	722	605	1, 327
7. Grain elevators .....	80	62	142	2	69	71	3	83	86
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3, 942	965	4, 907	2, 449	662	3, 111	2, 541	1, 139	3, 680
9. Office buildings .....	4, 643	3, 303	7, 946	7, 780	1, 144	8, 924	13, 469	1, 314	14, 783
10. Stores, retail and wholesale .....	7, 774	1, 459	9, 233	17, 246	1, 653	18, 899	5, 006	1, 002	6, 008
11. Garages and service stations .....	1, 196	943	2, 139	1, 004	498	1, 502	1, 408	423	1, 831
12. Theatres, arenas, amusement and recreational buildings .....	1, 506	949	2, 455	667	570	1, 237	694	476	1, 170
13. Laundries and dry cleaning establishments .....	213	21	234	9	33	42	5	33	38
<b>Institutional .....</b>	<b>50, 643</b>	<b>4, 104</b>	<b>54, 747</b>	<b>62, 690</b>	<b>3, 919</b>	<b>66, 609</b>	<b>54, 709</b>	<b>4, 186</b>	<b>58, 895</b>
14. Schools and other educational buildings .....	34, 839	2, 334	37, 173	48, 611	2, 224	50, 835	45, 727	2, 646	48, 373
15. Churches and other religious buildings .....	403	230	633	190	489	679	52	208	260
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	12, 799	813	13, 612	11, 136	985	12, 121	5, 073	1, 056	6, 129
17. Other institutional buildings .....	2, 602	727	3, 329	2, 753	221	2, 974	3, 857	276	4, 133
<b>Other building construction .....</b>	<b>5, 568</b>	<b>3, 786</b>	<b>9, 354</b>	<b>5, 834</b>	<b>2, 740</b>	<b>8, 574</b>	<b>5, 156</b>	<b>2, 798</b>	<b>7, 954</b>
18. Farm buildings (excluding dwellings) .....	1, 844	1, 097	2, 941	2, 037	1, 191	3, 228	2, 166	1, 244	3, 410
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 513	382	1, 895	586	120	706	455	113	568
20. Aeroplane hangars .....	71	431	502	57	143	200	59	145	204
21. Passenger terminals, bus, boat or air .....	—	5	5	—	13	13	—	3	3
22. Armouries, barracks, drill halls, etc. ....	517	1, 372	1, 889	416	453	869	427	458	885
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	20	5	25	1, 109	9	1, 118	493	10	503
24. Other building construction .....	1, 603	494	2, 097	1, 629	811	2, 440	1, 556	825	2, 381
<b>Total engineering construction .....</b>	<b>156, 221</b>	<b>33, 671</b>	<b>189, 892</b>	<b>165, 905</b>	<b>29, 823</b>	<b>195, 728</b>	<b>140, 932</b>	<b>31, 175</b>	<b>172, 107</b>
<b>Marine construction .....</b>	<b>4, 222</b>	<b>1, 785</b>	<b>6, 007</b>	<b>8, 568</b>	<b>840</b>	<b>9, 408</b>	<b>15, 504</b>	<b>778</b>	<b>16, 282</b>
25. Docks, wharves, piers, breakwaters .....	3, 247	1, 188	4, 435	7, 783	643	8, 426	14, 698	578	15, 276
26. Retaining walls, embankments, riprapping .....	40	170	210	32	56	88	33	57	90
27. Canals and waterways .....	—	1	1	—	—	—	—	—	—
28. Dredging and pile driving .....	65	35	100	52	12	64	53	12	65
29. Dyke construction .....	611	211	822	492	70	562	505	71	576
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	259	180	439	209	59	268	215	60	275

See footnote(s) at end of table.

**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1968-70<sup>1,2,3,4,5</sup>—Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>44,551</b>	<b>11,568</b>	<b>56,119</b>	<b>43,984</b>	<b>16,476</b>	<b>60,460</b>	<b>43,317</b>	<b>16,674</b>	<b>59,991</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	43,348	11,125	54,473	40,610	15,866	56,476	39,922	16,082	56,004
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....									
35. Grading, scraping, oiling, filling .....	593	76	669	717	407	1,124	888	364	1,252
36. Sidewalks, paths .....	23	1	24	2,036	10	2,046	2,189	10	2,199
37. Aerodromes, landing fields, runways, tarmac .....	495	72	567	547	96	643	242	120	362
	92	294	386	74	97	171	76	98	174
<b>Waterworks and sewage systems .....</b>	<b>5,624</b>	<b>2,058</b>	<b>7,682</b>	<b>5,742</b>	<b>1,259</b>	<b>7,001</b>	<b>7,401</b>	<b>1,395</b>	<b>8,796</b>
38. Tile drains, drainage ditches, storm sewers .....	208	291	499	283	186	469	358	192	550
39. Water mains, hydrants and services .....	2,623	1,174	3,797	2,751	634	3,385	3,033	732	3,765
40. Sewage systems and connections .....	2,685	527	3,212	2,404	393	2,797	3,252	443	3,695
41. Pumping stations, water .....	78	38	116	21	28	49	375	9	384
42. Water storage tanks .....	30	28	58	283	18	301	383	19	402
<b>Dams and irrigation .....</b>	<b>563</b>	<b>263</b>	<b>826</b>	<b>596</b>	<b>157</b>	<b>753</b>	<b>1,029</b>	<b>190</b>	<b>1,219</b>
43. Dams and reservoirs .....	336	130	466	272	11	283	708	38	746
44. Irrigation and land reclamation projects .....	227	133	360	324	146	470	321	152	473
<b>Electric power construction .....</b>	<b>26,017</b>	<b>2,757</b>	<b>28,774</b>	<b>33,485</b>	<b>1,993</b>	<b>35,478</b>	<b>23,383</b>	<b>2,605</b>	<b>25,988</b>
45. Electric power generating plants, including water conveying and controlling structures .....	17,111	477	17,588	21,803	382	22,185	5,462	230	5,692
46. Electric transformer stations .....	821	348	1,169	1,387	293	1,680	6,207	267	6,474
47. Power transmission and distribution lines, trolley wires .....	7,627	1,791	9,418	9,627	1,165	10,792	11,149	1,958	13,107
48. Street lighting .....	458	141	599	668	153	821	565	150	715
<b>Railway, telephone and telegraph .....</b>	<b>7,205</b>	<b>3,969</b>	<b>11,174</b>	<b>7,733</b>	<b>3,935</b>	<b>11,668</b>	<b>8,802</b>	<b>4,255</b>	<b>13,057</b>
49. Railway tracks and roadbed .....	1,749	2,326	4,075	2,462	2,466	4,928	3,181	2,633	5,814
50. Signals and interlockers .....	184	272	456	296	319	615	310	343	653
51. Telegraph and telephone lines, underground and marine cables .....	5,272	1,371	6,643	4,975	1,150	6,125	5,311	1,279	6,590
<b>Gas and oil facilities .....</b>	<b>569</b>	<b>349</b>	<b>918</b>	<b>178</b>	<b>209</b>	<b>387</b>	<b>222</b>	<b>220</b>	<b>442</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	88	109	197	97	120	217
55. Oil storage tanks .....	516	343	859	90	100	190	125	100	225
56. Gas storage tanks .....	30	1	31	—	—	—	—	—	—
57. Oil pipe lines .....	23	5	28	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	—	—	—	—	—	—	—	—	—
60. Gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction<sup>4</sup> .....</b>	<b>67,470</b>	<b>10,922</b>	<b>78,392</b>	<b>65,619</b>	<b>4,954</b>	<b>70,573</b>	<b>41,274</b>	<b>5,058</b>	<b>46,332</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	—	—	—	—	—	—	—	—	—
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	—	—	—	—	—	—	—	—	—
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	—	—	—	—	—	—	—	—	—
70. Other engineering construction .....	—	—	—	—	—	—	—	—	—

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

<sup>4</sup> This year, all types of structures usually published separately under the group heading "Other engineering construction" are aggregated to meet the secrecy provisions of the Statistics Act.

<sup>5</sup> See footnote 5, Table 6.

**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1968-70<sup>1,2,3,4</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>218,505</b>	<b>55,801</b>	<b>274,306</b>	<b>227,001</b>	<b>55,365</b>	<b>282,366</b>	<b>246,353</b>	<b>58,071</b>	<b>304,424</b>
<b>Total building construction .....</b>	<b>133,800</b>	<b>30,050</b>	<b>163,850</b>	<b>142,476</b>	<b>32,381</b>	<b>174,857</b>	<b>150,164</b>	<b>34,457</b>	<b>184,621</b>
<b>Residential .....</b>	<b>53,701</b>	<b>15,880</b>	<b>69,581</b>	<b>66,300</b>	<b>17,900</b>	<b>84,200</b>	<b>66,800</b>	<b>19,000</b>	<b>85,800</b>
<b>Industrial .....</b>	<b>14,164</b>	<b>3,831</b>	<b>17,995</b>	<b>23,268</b>	<b>4,021</b>	<b>27,289</b>	<b>28,040</b>	<b>3,017</b>	<b>31,057</b>
2. Factories, plants, workshops, food canneries .....	11,160	3,025	14,185	20,413	3,123	23,536	24,141	2,058	26,199
3. Mine and mine mill buildings .....	1,844	53	1,897	2,200	100	2,300	3,184	102	3,286
4. Railway stations, offices, roadway buildings .....	1,009	509	1,518	376	470	846	413	505	918
5. Railway shops, engine houses, water and fuel stations .....	151	244	395	279	328	607	302	352	654
<b>Commercial .....</b>	<b>22,652</b>	<b>4,695</b>	<b>27,347</b>	<b>17,122</b>	<b>5,144</b>	<b>22,266</b>	<b>12,598</b>	<b>5,311</b>	<b>17,909</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,922	551	2,473	2,168	491	2,659	2,677	355	3,032
7. Grain elevators .....	2	46	48	4	24	28	4	14	18
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	567	220	787	438	241	679	337	265	602
9. Office buildings .....	9,139	1,926	11,065	4,023	2,726	6,749	5,702	3,139	8,841
10. Stores, retail and wholesale .....	8,366	892	9,258	8,336	816	9,152	2,665	769	3,434
11. Garages and service stations .....	1,225	741	1,966	1,050	640	1,690	998	603	1,601
12. Theatres, arenas, amusement and recreational buildings .....	1,340	294	1,634	1,010	201	1,211	215	160	375
13. Laundries and dry cleaning establishments .....	91	25	116	93	5	98	—	6	6
<b>Institutional .....</b>	<b>39,225</b>	<b>3,363</b>	<b>42,588</b>	<b>32,350</b>	<b>3,560</b>	<b>35,910</b>	<b>37,907</b>	<b>5,333</b>	<b>43,240</b>
14. Schools and other educational buildings .....	29,855	1,595	31,450	25,440	2,043	27,483	29,141	3,324	32,465
15. Churches and other religious buildings .....	705	588	1,293	788	332	1,120	1,896	325	2,221
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,697	1,002	6,699	4,950	1,047	5,997	4,540	1,475	6,015
17. Other institutional buildings .....	2,968	178	3,146	1,172	138	1,310	2,330	209	2,539
<b>Other building construction .....</b>	<b>4,058</b>	<b>2,281</b>	<b>6,339</b>	<b>3,436</b>	<b>1,756</b>	<b>5,192</b>	<b>4,819</b>	<b>1,796</b>	<b>6,615</b>
18. Farm buildings (excluding dwellings) .....	1,400	949	2,349	1,397	944	2,341	1,463	988	2,451
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,544	112	1,656	1,097	162	1,259	2,247	166	2,413
20. Aeroplane hangars .....	31	200	231	80	92	172	30	96	126
21. Passenger terminals, bus, boat or air .....	—	3	3	—	4	4	—	4	4
22. Armouries, barracks, drill halls, etc. ....	63	653	716	57	301	358	61	312	373
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	129	205	334	69	190	259	246	164	410
24. Other building construction .....	891	159	1,050	736	63	799	772	66	838
<b>Total engineering construction .....</b>	<b>84,705</b>	<b>25,751</b>	<b>110,456</b>	<b>84,525</b>	<b>22,984</b>	<b>107,509</b>	<b>96,189</b>	<b>23,614</b>	<b>119,803</b>
<b>Marine construction .....</b>	<b>5,886</b>	<b>789</b>	<b>6,675</b>	<b>15,372</b>	<b>294</b>	<b>15,666</b>	<b>9,251</b>	<b>294</b>	<b>9,545</b>
25. Docks, wharves, piers, breakwaters .....	4,743	549	5,292	14,253	109	14,362	8,090	126	8,216
26. Retaining walls, embankments, riprapping .....	7	86	93	6	1	7	7	1	8
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	593	22	615	536	105	641	574	98	672
29. Dyke construction .....	353	75	428	319	35	354	341	37	378
30. Logging booms .....	—	52	52	—	42	42	—	22	22
31. Other marine construction .....	190	5	195	258	2	260	239	10	249

See footnote(s) at end of table.



**TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure — New Brunswick, 1968-70<sup>1,2,3,4</sup> — Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>23,562</b>	<b>11,119</b>	<b>34,681</b>	<b>22,787</b>	<b>12,007</b>	<b>34,794</b>	<b>29,171</b>	<b>12,150</b>	<b>41,321</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	22,099	10,285	32,384	21,081	11,226	32,307	26,747	11,616	38,363
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	596	597	1,193	809	337	1,146	1,614	355	1,969
35. Grading, scraping, oiling, filling .....	9	9	18	20	8	28	47	6	53
36. Sidewalks, paths .....	252	108	360	330	385	715	178	120	298
37. Aerodromes, landing fields, runways, tarmac .....	606	120	726	547	51	598	585	53	638
<b>Waterworks and sewage systems .....</b>	<b>4,014</b>	<b>1,770</b>	<b>5,784</b>	<b>3,540</b>	<b>896</b>	<b>4,436</b>	<b>5,129</b>	<b>1,195</b>	<b>6,324</b>
38. Tile drains, drainage ditches, storm sewers .....	206	136	342	227	160	387	329	537	866
39. Water mains, hydrants and services .....	1,376	1,217	2,593	1,353	277	1,630	1,232	203	1,435
40. Sewage systems and connections .....	1,628	393	2,021	1,831	433	2,264	3,331	429	3,760
41. Pumping stations, water .....	663	6	669	61	12	73	140	4	144
42. Water storage tanks .....	141	18	159	68	14	82	97	22	119
<b>Dams and irrigation .....</b>	<b>351</b>	<b>131</b>	<b>482</b>	<b>547</b>	<b>123</b>	<b>670</b>	<b>614</b>	<b>130</b>	<b>744</b>
43. Dams and reservoirs .....	181	15	196	147	7	154	157	9	166
44. Irrigation and land reclamation projects .....	170	116	286	400	116	516	457	121	578
<b>Electric power construction .....</b>	<b>27,307</b>	<b>1,822</b>	<b>29,129</b>	<b>17,452</b>	<b>898</b>	<b>18,350</b>	<b>20,507</b>	<b>956</b>	<b>21,463</b>
45. Electric power generating plants, including water conveying and controlling structures .....	16,836	458	17,294	1,976	199	2,175	663	202	865
46. Electric transformer stations .....	1,445	107	1,552	574	3	577	5,043	1	5,044
47. Power transmission and distribution lines, trolley wires .....	8,763	1,162	9,925	13,757	637	14,394	13,949	678	14,627
48. Street lighting .....	263	95	358	1,145	59	1,204	852	75	927
<b>Railway, telephone and telegraph .....</b>	<b>7,742</b>	<b>6,325</b>	<b>14,067</b>	<b>10,517</b>	<b>6,320</b>	<b>16,837</b>	<b>12,149</b>	<b>6,789</b>	<b>18,938</b>
49. Railway tracks and roadbed .....	3,124	4,467	7,591	4,109	4,674	8,783	4,503	5,016	9,519
50. Signals and interlockers .....	291	584	875	505	628	1,133	554	675	1,229
51. Telegraph and telephone lines, underground and marine cables .....	4,327	1,274	5,601	5,903	1,018	6,921	7,092	1,098	8,190
<b>Gas and oil facilities .....</b>	<b>808</b>	<b>28</b>	<b>836</b>	<b>473</b>	<b>74</b>	<b>547</b>	<b>3,226</b>	<b>95</b>	<b>3,321</b>
52. Gas mains and services .....	6	—	6	9	—	9	—	—	—
53. Pumping stations, oil .....	—	—	—	246	74	320	281	80	361
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	312	20	332	161	—	161	205	—	205
56. Gas storage tanks .....	17	—	17	—	—	—	—	—	—
57. Oil pipe lines .....	48	—	48	2	—	2	5	—	5
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	373	7	380	55	—	55	2,735	15	2,750
60. Gas wells .....	52	1	53	—	—	—	—	—	—
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>15,035</b>	<b>3,767</b>	<b>18,802</b>	<b>13,837</b>	<b>2,372</b>	<b>16,209</b>	<b>16,142</b>	<b>2,005</b>	<b>18,147</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	10,261	1,689	11,950	7,607	1,694	9,301	10,301	1,364	11,665
64. Tunnels and subways .....	—	—	—	206	—	206	111	—	111
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	90	427	517	224	221	445	92	176	268
67. Swimming pools, tennis courts, outdoor recreation facilities .....	268	7	275	246	31	277	70	24	94
68. Mine shafts and other below surface workings .....	3,110	4	3,114	4,122	—	4,122	3,835	29	3,864
69. Fences, snowsheds, signs, guard rails .....	388	222	610	386	241	627	436	233	669
70. Other engineering construction .....	918	1,418	2,336	1,046	185	1,231	1,297	179	1,476

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".<sup>4</sup> See footnote 5, Table 6.

TABLE 22. Total Value of Construction Work Performed—New and Repair by Type of Structure—Quebec, 1968-70<sup>1,2,3,4</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,967,819</b>	<b>584,231</b>	<b>2,552,050</b>	<b>2,065,224</b>	<b>586,790</b>	<b>2,652,014</b>	<b>2,174,519</b>	<b>616,933</b>	<b>2,791,452</b>
<b>Total building construction .....</b>	<b>1,285,613</b>	<b>335,580</b>	<b>1,621,193</b>	<b>1,333,226</b>	<b>331,119</b>	<b>1,664,345</b>	<b>1,343,762</b>	<b>335,590</b>	<b>1,679,352</b>
<b>Residential .....</b>	<b>597,254</b>	<b>197,650</b>	<b>794,904</b>	<b>673,400</b>	<b>210,400</b>	<b>883,800</b>	<b>652,500</b>	<b>212,500</b>	<b>865,000</b>
<b>Industrial .....</b>	<b>122,134</b>	<b>48,709</b>	<b>170,843</b>	<b>111,736</b>	<b>43,058</b>	<b>154,794</b>	<b>84,490</b>	<b>44,435</b>	<b>128,925</b>
2. Factories, plants, workshops, food canneries ....	106,934	40,339	147,273	107,775	36,079	143,854	77,570	37,055	114,625
3. Mine and mine mill buildings .....	10,778	4,307	15,085	2,099	3,884	5,983	5,099	3,993	9,092
4. Railway stations, offices, roadway buildings ....	2,043	2,164	4,207	1,136	1,868	3,004	1,121	2,016	3,137
5. Railway shops, engine houses, water and fuel stations .....	2,379	1,899	4,278	726	1,227	1,953	700	1,371	2,071
<b>Commercial .....</b>	<b>206,520</b>	<b>40,348</b>	<b>246,868</b>	<b>153,662</b>	<b>32,615</b>	<b>186,277</b>	<b>165,580</b>	<b>32,116</b>	<b>197,696</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	21,096	4,234	25,330	15,745	2,983	18,728	10,374	3,348	13,722
7. Grain elevators .....	325	719	1,044	168	165	333	75	109	184
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	11,992	3,861	15,853	7,307	2,977	10,284	8,689	3,178	11,867
9. Office buildings .....	80,441	14,285	94,726	71,971	9,499	81,470	72,593	9,489	82,082
10. Stores, retail and wholesale .....	63,298	11,759	75,057	33,676	11,727	45,403	34,448	10,795	45,243
11. Garages and service stations .....	10,577	4,177	14,754	12,332	4,130	16,462	14,983	4,034	19,017
12. Theatres, arenas, amusement and recreational buildings .....	18,204	1,072	19,276	11,971	906	12,877	24,119	1,003	25,122
13. Laundries and dry cleaning establishments .....	587	241	828	492	228	720	299	160	459
<b>Institutional .....</b>	<b>293,264</b>	<b>30,288</b>	<b>323,552</b>	<b>302,207</b>	<b>29,140</b>	<b>331,347</b>	<b>326,927</b>	<b>29,900</b>	<b>356,827</b>
14. Schools and other educational buildings .....	241,098	16,403	257,501	222,054	16,496	238,550	219,017	16,266	235,283
15. Churches and other religious buildings .....	3,519	2,053	5,572	2,906	2,436	5,342	3,107	1,936	5,043
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	42,455	9,897	52,352	62,669	8,541	71,210	82,535	10,710	93,245
17. Other institutional buildings .....	6,192	1,935	8,127	14,578	1,667	16,245	22,268	988	23,256
<b>Other building construction .....</b>	<b>66,441</b>	<b>18,585</b>	<b>85,026</b>	<b>92,221</b>	<b>15,906</b>	<b>108,127</b>	<b>114,265</b>	<b>16,639</b>	<b>130,904</b>
18. Farm buildings (excluding dwellings) .....	37,280	11,737	49,017	38,377	12,106	50,483	39,245	12,413	51,658
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	9,115	2,059	11,174	18,762	741	19,503	24,062	842	24,904
20. Aeroplane hangars .....	1,191	247	1,438	2,449	140	2,589	4,084	139	4,223
21. Passenger terminals, bus, boat or air .....	1,240	1,395	2,635	1,795	314	2,109	7,470	677	8,147
22. Armouries, barracks, drill halls, etc. ....	239	1,045	1,284	294	604	898	269	620	889
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,191	869	2,060	1,401	1,027	2,428	1,118	1,000	2,118
24. Other building construction .....	16,185	1,233	17,418	29,143	974	30,117	38,017	948	38,965
<b>Total engineering construction .....</b>	<b>682,206</b>	<b>248,651</b>	<b>930,857</b>	<b>731,998</b>	<b>255,671</b>	<b>987,669</b>	<b>830,757</b>	<b>281,343</b>	<b>1,112,100</b>
<b>Marine construction .....</b>	<b>31,050</b>	<b>13,213</b>	<b>44,263</b>	<b>35,899</b>	<b>11,117</b>	<b>47,016</b>	<b>32,538</b>	<b>11,332</b>	<b>43,870</b>
25. Docks, wharves, piers, breakwaters .....	16,296	2,302	18,598	18,855	1,846	20,701	15,054	1,703	16,757
26. Retaining walls, embankments, riprapping .....	11,491	4,483	15,974	12,987	3,609	16,596	13,520	3,803	17,323
27. Canals and waterways .....	2,062	4,925	6,987	2,132	4,522	6,654	2,280	5,046	7,326
28. Dredging and pile driving .....	731	808	1,539	1,529	716	2,245	885	362	1,247
29. Dyke construction .....	120	9	129	60	3	63	40	—	40
30. Logging booms .....	134	131	265	121	237	358	186	237	423
31. Other marine construction .....	216	555	771	215	184	399	573	181	754

See footnote(s) at end of table.



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1968-70<sup>1,2,3,4</sup> - Concluded

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>114,468</b>	<b>107,879</b>	<b>222,347</b>	<b>129,140</b>	<b>98,296</b>	<b>227,436</b>	<b>147,514</b>	<b>106,396</b>	<b>253,910</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	96,936	73,945	170,881	109,199	69,071	178,270	125,425	75,629	201,054
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	10,395	19,233	29,628	11,320	15,758	27,078	12,699	16,085	28,784
35. Grading, scraping, oiling, filling .....	3,967	10,208	14,175	4,579	8,327	12,906	5,113	8,749	13,862
36. Sidewalks, paths .....	1,698	3,892	5,590	2,279	4,788	7,067	2,659	5,571	8,230
37. Aerodromes, landing fields, runways, tarmac .....	1,472	601	2,073	1,763	352	2,115	1,618	362	1,980
<b>Waterworks and sewage systems .....</b>	<b>75,684</b>	<b>26,070</b>	<b>101,754</b>	<b>83,494</b>	<b>31,247</b>	<b>114,741</b>	<b>97,944</b>	<b>34,799</b>	<b>132,743</b>
38. Tile drains, drainage ditches, storm sewers .....	8,798	4,962	13,760	9,083	4,284	13,367	9,764	4,482	14,246
39. Water mains, hydrants and services .....	21,269	7,194	28,463	17,553	8,810	26,363	19,147	9,756	28,903
40. Sewage systems and connections .....	38,298	12,665	50,963	52,300	15,069	67,369	60,743	17,351	78,094
41. Pumping stations, water .....	6,635	955	7,590	3,167	2,876	6,043	7,188	2,990	10,178
42. Water storage tanks .....	684	294	978	1,391	208	1,599	1,102	220	1,322
<b>Dams and irrigation .....</b>	<b>99,217</b>	<b>1,813</b>	<b>101,030</b>	<b>18,524</b>	<b>1,869</b>	<b>20,393</b>	<b>21,451</b>	<b>1,890</b>	<b>23,341</b>
43. Dams and reservoirs .....	94,663	361	95,024	13,810	376	14,186	16,630	363	16,993
44. Irrigation and land reclamation projects .....	4,554	1,452	6,006	4,714	1,493	6,207	4,821	1,527	6,348
<b>Electric power construction .....</b>	<b>104,612</b>	<b>12,350</b>	<b>116,962</b>	<b>187,662</b>	<b>16,215</b>	<b>203,877</b>	<b>190,844</b>	<b>19,250</b>	<b>210,094</b>
45. Electric power generating plants, including water conveying and controlling structures .....	39,898	4,101	43,999	76,318	4,456	80,774	42,015	5,029	47,044
46. Electric transformer stations .....	6,537	842	7,379	22,138	991	23,129	32,347	1,176	33,523
47. Power transmission and distribution lines, trolley wires .....	53,324	5,891	59,215	85,243	9,657	94,900	112,152	11,831	123,983
48. Street lighting .....	4,853	1,516	6,369	3,963	1,111	5,074	4,330	1,214	5,544
<b>Railway, telephone and telegraph .....</b>	<b>66,924</b>	<b>38,039</b>	<b>104,963</b>	<b>64,415</b>	<b>39,631</b>	<b>104,046</b>	<b>65,065</b>	<b>44,735</b>	<b>109,800</b>
49. Railway tracks and roadbed .....	12,072	18,552	30,624	12,515	20,904	33,419	15,837	23,812	39,649
50. Signals and interlockers .....	1,093	2,424	3,517	1,426	2,142	3,568	1,347	2,364	3,711
51. Telegraph and telephone lines, underground and marine cables .....	53,759	17,063	70,822	50,474	16,585	67,059	47,881	18,559	66,440
<b>Gas and oil facilities .....</b>	<b>71,569</b>	<b>12,906</b>	<b>84,475</b>	<b>62,071</b>	<b>16,902</b>	<b>78,973</b>	<b>62,196</b>	<b>17,153</b>	<b>79,349</b>
52. Gas mains and services .....	13,760	1,222	14,982	10,590	952	11,542	9,355	972	10,327
53. Pumping stations, oil .....	299	125	424	419	96	515	175	104	279
54. Pumping stations, gas .....	544	68	612	-	-	-	80	-	80
55. Oil storage tanks .....	3,096	582	3,678	4,705	633	5,338	2,694	639	3,333
56. Gas storage tanks .....	2,946	42	2,988	5,671	85	5,756	494	118	612
57. Oil pipe lines .....	2,177	332	2,509	2,711	404	3,115	1,380	632	2,012
58. Gas pipe lines .....	-	345	345	-	51	51	325	55	380
59. Oil wells .....	320	-	320	1,515	329	1,844	2,051	519	2,570
60. Gas wells .....	53	-	53	-	-	-	15	10	25
61. Oil refinery - Processing units <sup>3</sup> .....	48,364	10,189	58,553	36,460	14,350	50,810	45,617	14,104	59,721
62. Natural gas cleaning plants .....	10	1	11	-	2	2	10	-	10
<b>Other engineering construction .....</b>	<b>118,682</b>	<b>36,381</b>	<b>155,063</b>	<b>150,793</b>	<b>40,394</b>	<b>191,187</b>	<b>213,205</b>	<b>45,788</b>	<b>258,993</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	73,460	8,550	82,010	78,030	7,508	85,538	85,315	8,105	93,420
64. Tunnels and subways .....	4,701	1,335	6,036	5,131	938	6,069	5,587	1,627	7,214
65. Incinerators .....	-	18	18	-	10	10	-	10	10
66. Park systems, landscaping, sodding, etc. ....	1,810	602	2,412	1,702	420	2,122	1,787	562	2,349
67. Swimming pools, tennis courts, outdoor recreation facilities....	140	99	239	156	31	187	338	30	368
68. Mine shafts and other below surface workings .....	11,576	1,532	13,108	26,914	2,388	29,302	30,250	2,684	32,934
69. Fences, snowsheds, signs, guard rails .....	6,785	3,239	10,024	6,605	2,971	9,576	6,803	3,106	9,909
70. Other engineering construction .....	20,210	21,006	41,216	32,255	26,128	58,383	83,125	29,664	112,789

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery - Processing units" includes related structures employed in production of petrochemicals.<sup>4</sup> See footnote 5, Table 6.



TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario, 1968 - 70<sup>1,2,3,4</sup>

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>3,484,595</b>	<b>824,839</b>	<b>4,309,434</b>	<b>3,778,203</b>	<b>830,067</b>	<b>4,608,270</b>	<b>4,138,053</b>	<b>874,149</b>	<b>5,012,202</b>
<b>Total building construction .....</b>	<b>2,432,418</b>	<b>530,197</b>	<b>2,962,615</b>	<b>2,672,760</b>	<b>557,276</b>	<b>3,230,036</b>	<b>2,823,265</b>	<b>574,261</b>	<b>3,397,526</b>
<b>Residential .....</b>	<b>1,183,984</b>	<b>301,000</b>	<b>1,484,984</b>	<b>1,429,000</b>	<b>326,400</b>	<b>1,755,400</b>	<b>1,275,400</b>	<b>334,400</b>	<b>1,609,800</b>
<b>Industrial .....</b>	<b>227,174</b>	<b>94,912</b>	<b>322,086</b>	<b>282,004</b>	<b>90,685</b>	<b>372,689</b>	<b>360,799</b>	<b>100,010</b>	<b>460,809</b>
2. Factories, plants, workshops, food canneries ....	197,127	75,630	272,757	260,263	72,949	333,212	336,748	76,504	413,252
3. Miné and mine mill buildings .....	26,711	12,929	39,640	16,041	11,113	27,154	18,138	16,412	34,550
4. Railway stations, offices, roadway buildings ....	2,214	4,211	6,425	3,592	4,034	7,626	3,355	4,243	7,598
5. Railway shops, engine houses, water and fuel stations .....	1,122	2,142	3,264	2,108	2,589	4,697	2,558	2,851	5,409
<b>Commercial .....</b>	<b>393,451</b>	<b>69,452</b>	<b>462,903</b>	<b>395,728</b>	<b>68,038</b>	<b>463,766</b>	<b>567,292</b>	<b>67,267</b>	<b>634,559</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	47,446	8,411	55,857	29,994	8,476	38,470	30,960	7,972	38,932
7. Grain elevators .....	683	272	955	348	167	515	320	220	540
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	17,429	7,310	24,739	18,694	6,680	25,374	37,109	6,876	43,985
9. Office buildings .....	208,109	24,189	232,298	195,497	24,670	220,167	286,128	25,870	311,998
10. Stores, retail and wholesale .....	55,468	17,760	73,228	81,531	14,304	95,835	121,529	12,768	134,297
11. Garages and service stations .....	27,057	7,429	34,486	28,715	8,928	37,643	32,323	8,696	41,019
12. Theatres, arenas, amusement and recreational buildings .....	36,279	3,546	39,825	40,029	4,294	44,323	58,360	4,379	62,739
13. Laundries and dry cleaning establishments .....	980	535	1,515	920	519	1,439	563	486	1,049
<b>Institutional .....</b>	<b>554,015</b>	<b>29,482</b>	<b>583,497</b>	<b>486,120</b>	<b>41,193</b>	<b>527,313</b>	<b>508,491</b>	<b>40,785</b>	<b>549,276</b>
14. Schools and other educational buildings .....	396,092	14,703	410,795	363,138	20,984	384,122	352,830	22,266	375,096
15. Churches and other religious buildings .....	17,009	2,605	19,614	13,384	6,507	19,891	13,582	3,692	17,274
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	89,367	8,723	98,090	79,090	10,721	89,811	95,392	11,177	106,569
17. Other institutional buildings .....	51,547	3,451	54,998	30,508	2,981	33,489	46,687	3,650	50,337
<b>Other building construction .....</b>	<b>73,794</b>	<b>35,351</b>	<b>109,145</b>	<b>79,908</b>	<b>30,960</b>	<b>110,868</b>	<b>111,283</b>	<b>31,799</b>	<b>143,082</b>
18. Farm buildings (excluding dwellings) .....	45,635	25,043	70,678	45,001	24,646	69,647	46,645	25,500	72,145
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	9,112	2,567	11,679	15,593	564	16,157	15,883	618	16,501
20. Aeroplane hangars .....	219	888	1,107	2,457	669	3,126	4,241	632	4,873
21. Passenger terminals, bus, boat or air .....	1,960	145	2,105	2,816	119	2,935	8,775	131	8,906
22. Armouries, barracks, drill halls, etc. ....	414	3,587	4,001	360	2,472	2,832	453	2,466	2,919
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,273	781	2,054	1,208	613	1,821	754	585	1,339
24. Other building construction .....	15,181	2,340	17,521	12,473	1,877	14,350	34,532	1,867	36,399
<b>Total engineering construction .....</b>	<b>1,052,177</b>	<b>294,642</b>	<b>1,346,819</b>	<b>1,105,443</b>	<b>272,791</b>	<b>1,378,234</b>	<b>1,314,788</b>	<b>299,888</b>	<b>1,614,676</b>
<b>Marine construction .....</b>	<b>26,358</b>	<b>5,022</b>	<b>31,380</b>	<b>25,239</b>	<b>6,103</b>	<b>31,342</b>	<b>19,430</b>	<b>5,861</b>	<b>25,291</b>
25. Docks, wharves, piers, breakwaters .....	5,282	2,367	7,649	3,999	1,703	5,702	4,667	1,869	6,536
26. Retaining walls, embankments, riprapping .....	1,139	91	1,230	999	74	1,073	1,253	64	1,317
27. Canals and waterways .....	18,347	2,046	20,393	18,637	3,008	21,645	11,764	2,618	14,382
28. Dredging and pile driving .....	1,037	380	1,417	902	223	1,125	1,134	167	1,301
29. Dyke construction .....	278	18	296	189	17	206	227	13	240
30. Logging booms .....	—	43	43	—	28	28	—	31	31
31. Other marine construction .....	275	77	352	513	1,050	1,563	385	1,099	1,484

See footnote(s) at end of table.

TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario 1968-70<sup>1,2,3,4</sup>—Concluded

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>294,327</b>	<b>105,166</b>	<b>399,493</b>	<b>294,424</b>	<b>91,272</b>	<b>385,696</b>	<b>302,734</b>	<b>99,493</b>	<b>402,227</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	273,183	95,012	368,195	273,220	81,124	354,344	281,921	88,862	370,783
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	1,650	1,313	2,963	2,002	1,382	3,384	1,880	1,467	3,347
34. Dirt, clay or other streets, roads, parking lots, etc. ....	12,384	5,739	18,123	11,756	6,081	17,837	11,931	6,345	18,276
35. Grading, scraping, oiling, filling .....	6,000	2,933	8,933	6,021	2,569	8,590	5,624	2,703	8,327
36. Sidewalks, paths .....	1,110	169	1,279	1,425	116	1,541	1,378	116	1,494
37. Aerodromes, landing fields, runways, tarmac .....									
<b>Waterworks and sewage systems .....</b>	<b>142,790</b>	<b>26,233</b>	<b>169,023</b>	<b>132,849</b>	<b>21,825</b>	<b>154,674</b>	<b>182,085</b>	<b>23,487</b>	<b>205,572</b>
38. Tile drains, drainage ditches, storm sewers .....	12,282	2,913	15,195	11,468	2,975	14,443	14,964	3,657	18,621
39. Water mains, hydrants and services .....	31,295	10,544	41,839	30,859	8,723	39,582	36,667	9,214	45,881
40. Sewage systems and connections .....	87,918	10,593	98,511	83,387	7,828	91,215	116,032	8,443	124,475
41. Pumping stations, water .....	9,723	1,664	11,387	5,986	1,773	7,759	11,322	1,642	12,964
42. Water storage tanks .....	1,572	519	2,091	1,149	526	1,675	3,100	531	3,631
<b>Dams and irrigation .....</b>	<b>7,016</b>	<b>3,262</b>	<b>10,278</b>	<b>26,680</b>	<b>3,295</b>	<b>29,975</b>	<b>32,195</b>	<b>3,412</b>	<b>35,607</b>
43. Dams and reservoirs .....	1,363	162	1,525	21,156	248	21,404	26,503	258	26,761
44. Irrigation and land reclamation projects .....	5,653	3,100	8,753	5,524	3,047	8,571	5,692	3,154	8,846
<b>Electric power construction .....</b>	<b>216,722</b>	<b>36,820</b>	<b>253,542</b>	<b>233,281</b>	<b>41,729</b>	<b>275,010</b>	<b>267,406</b>	<b>47,770</b>	<b>315,176</b>
45. Electric power generating plants, including water conveying and controlling structures .....	99,564	8,065	107,629	88,598	12,996	101,594	92,946	15,362	108,308
46. Electric transformer stations .....	15,350	3,889	19,239	17,178	3,563	20,741	20,335	4,215	24,550
47. Power transmission and distribution lines, trolley wires .....	94,740	22,334	117,074	119,478	22,537	142,015	145,278	25,402	170,680
48. Street lighting .....	7,068	2,532	9,600	8,027	2,633	10,660	8,847	2,791	11,638
<b>Railway, telephone and telegraph .....</b>	<b>107,642</b>	<b>64,388</b>	<b>172,030</b>	<b>117,566</b>	<b>64,438</b>	<b>182,004</b>	<b>127,852</b>	<b>70,187</b>	<b>198,039</b>
49. Railway tracks and roadbed .....	38,301	38,515	76,816	42,511	36,882	79,393	49,439	40,631	90,070
50. Signals and interlockers .....	3,236	4,956	8,192	3,780	4,944	8,724	4,564	5,298	9,862
51. Telegraph and telephone lines, underground and marine cables .....	66,105	20,917	87,022	71,275	22,612	93,887	73,849	24,258	98,107
<b>Gas and oil facilities .....</b>	<b>108,371</b>	<b>29,101</b>	<b>137,472</b>	<b>83,069</b>	<b>25,594</b>	<b>108,663</b>	<b>103,679</b>	<b>28,619</b>	<b>132,298</b>
52. Gas mains and services .....	30,681	2,310	32,991	29,312	1,566	30,878	20,837	1,701	22,538
53. Pumping stations, oil .....	545	355	900	640	351	991	1,220	441	1,661
54. Pumping stations, gas .....	9,504	766	10,270	942	222	1,164	900	204	1,104
55. Oil storage tanks .....	3,516	1,099	4,615	2,955	933	3,888	2,408	1,275	3,683
56. Gas storage tanks .....	2,566	—	2,566	341	66	407	554	70	624
57. Oil pipe lines .....	1,597	686	2,283	1,501	419	1,920	1,778	457	2,235
58. Gas pipe lines .....	16,681	1,006	17,687	24,395	1,727	26,122	38,081	1,850	39,931
59. Oil wells .....	2,571	1,195	3,766	372	97	469	172	33	205
60. Gas wells .....	888	367	1,255	3,243	682	3,925	3,717	768	4,485
61. Oil refinery—Processing units <sup>3</sup> .....	39,622	20,571	60,193	17,171	19,528	36,699	31,732	21,818	53,550
62. Natural gas cleaning plants .....	200	746	946	2,197	3	2,200	2,280	2	2,282
<b>Other engineering construction .....</b>	<b>148,951</b>	<b>24,650</b>	<b>173,601</b>	<b>192,335</b>	<b>18,535</b>	<b>210,870</b>	<b>279,407</b>	<b>21,059</b>	<b>300,466</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	45,311	6,006	51,317	52,454	5,286	57,740	45,961	7,050	53,011
64. Tunnels and subways .....	14,435	49	14,484	19,769	84	19,853	36,887	76	36,963
65. Incinerators .....	39	35	74	2	8	10	23	10	33
66. Park systems, landscaping, sodding, etc. ....	3,758	2,403	6,161	3,484	2,583	6,067	3,870	2,605	6,475
67. Swimming pools, tennis courts, outdoor recreation facilities .....	97	993	1,090	1,719	527	2,246	1,531	551	2,082
68. Mine shafts and other below surface workings .....	46,107	4,793	50,900	65,986	409	66,395	60,214	377	60,591
69. Fences, snowsheds, signs, guard rails .....	10,900	4,872	15,772	10,200	4,508	14,708	10,857	4,651	15,508
70. Other engineering construction .....	28,304	5,499	33,803	38,721	5,130	43,851	120,064	5,739	125,803

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.<sup>4</sup> See footnote 5, Table 6.



**TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1968 - 70<sup>1,2,3,4</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>549,356</b>	<b>112,976</b>	<b>662,332</b>	<b>623,171</b>	<b>115,748</b>	<b>738,919</b>	<b>605,064</b>	<b>120,623</b>	<b>725,687</b>
<b>Total building construction .....</b>	<b>241,739</b>	<b>66,846</b>	<b>308,585</b>	<b>287,039</b>	<b>67,414</b>	<b>354,453</b>	<b>305,726</b>	<b>68,244</b>	<b>373,970</b>
<b>Residential .....</b>	<b>91,702</b>	<b>39,850</b>	<b>131,552</b>	<b>143,400</b>	<b>42,100</b>	<b>185,500</b>	<b>153,300</b>	<b>42,900</b>	<b>196,200</b>
<b>Industrial .....</b>	<b>38,288</b>	<b>8,255</b>	<b>46,543</b>	<b>20,873</b>	<b>7,391</b>	<b>28,264</b>	<b>18,331</b>	<b>7,356</b>	<b>25,687</b>
2. Factories, plants, workshops, food canneries .....	25,774	4,732	30,506	11,844	4,749	16,593	12,036	4,506	16,542
3. Mine and mine mill buildings .....	11,597	1,453	13,050	7,465	661	8,126	4,265	728	4,993
4. Railway stations, offices, roadway buildings .....	569	1,280	1,849	877	1,195	2,072	1,110	1,277	2,387
5. Railway shops, engine houses, water and fuel stations .....	348	790	1,138	687	786	1,473	920	845	1,765
<b>Commercial .....</b>	<b>44,072</b>	<b>9,035</b>	<b>53,107</b>	<b>51,049</b>	<b>8,361</b>	<b>59,410</b>	<b>50,048</b>	<b>8,489</b>	<b>58,537</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,912	1,042	4,954	4,933	1,117	6,050	3,273	1,189	4,462
7. Grain elevators .....	1,449	729	2,178	742	480	1,222	651	423	1,074
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	2,288	1,063	3,351	8,006	786	8,792	12,529	772	13,301
9. Office buildings .....	19,005	3,112	22,117	18,356	2,789	21,145	14,153	3,245	17,398
10. Stores, retail and wholesale .....	7,492	2,111	9,603	9,047	2,006	11,053	10,587	1,778	12,365
11. Garages and service stations .....	6,882	621	7,503	6,264	727	6,991	3,558	837	4,395
12. Theatres, arenas, amusement and recreational buildings .....	3,029	298	3,327	3,684	395	4,079	5,287	171	5,458
13. Laundries and dry cleaning establishments .....	15	59	74	17	61	78	10	74	84
<b>Institutional .....</b>	<b>45,879</b>	<b>3,802</b>	<b>49,681</b>	<b>55,005</b>	<b>4,290</b>	<b>59,295</b>	<b>69,046</b>	<b>4,031</b>	<b>73,077</b>
14. Schools and other educational buildings .....	36,925	1,660	38,585	38,473	2,932	41,405	44,271	2,731	47,002
15. Churches and other religious buildings .....	1,595	201	1,796	803	248	1,051	1,341	160	1,501
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,752	1,178	3,930	10,235	860	11,095	14,308	889	15,197
17. Other institutional buildings .....	4,607	763	5,370	5,494	250	5,744	9,126	251	9,377
<b>Other building construction .....</b>	<b>21,798</b>	<b>5,904</b>	<b>27,702</b>	<b>16,712</b>	<b>5,272</b>	<b>21,984</b>	<b>15,001</b>	<b>5,468</b>	<b>20,469</b>
18. Farm buildings (excluding dwellings) .....	12,743	4,197	16,940	11,890	3,926	15,816	11,526	3,789	15,315
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,140	513	3,653	2,586	513	3,099	1,113	475	1,588
20. Aeroplane hangars .....	318	414	732	501	381	882	389	542	931
21. Passenger terminals, bus, boat or air .....	3,047	33	3,080	282	68	350	373	73	446
22. Armouries, barracks, drill halls, etc. ....	204	392	596	179	168	347	248	193	441
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,323	76	1,399	793	37	830	692	88	780
24. Other building construction .....	1,023	279	1,302	481	179	660	660	308	968
<b>Total engineering construction .....</b>	<b>307,617</b>	<b>46,130</b>	<b>353,747</b>	<b>336,132</b>	<b>48,334</b>	<b>384,466</b>	<b>299,338</b>	<b>52,379</b>	<b>351,717</b>
<b>Marine construction .....</b>	<b>5,770</b>	<b>795</b>	<b>6,565</b>	<b>128</b>	<b>323</b>	<b>451</b>	<b>159</b>	<b>397</b>	<b>556</b>
25. Docks, wharves, piers, breakwaters .....	218	648	866	121	301	422	149	340	489
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	4,945	25	4,970	—	—	—	—	—	—
28. Dredging and pile driving .....	—	35	35	—	—	—	—	15	15
29. Dyke construction .....	607	40	647	7	8	15	10	6	16
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	47	47	—	14	14	—	36	36

See footnote(s) at end of table.



TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure — Manitoba, 1968-70<sup>1,2,3,4</sup> — Concluded

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>46,491</b>	<b>8,760</b>	<b>55,251</b>	<b>43,159</b>	<b>10,596</b>	<b>53,755</b>	<b>47,291</b>	<b>11,154</b>	<b>58,445</b>
32. Hard surfaced or paved streets, highways, parking lots, etc....	31,855	7,018	38,873	28,474	7,251	35,725	32,368	7,794	40,162
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	165	29	194	117	10	127	54	3	57
34. Dirt, clay or other streets, roads, parking lots, etc. ....	13,292	1,400	14,692	13,586	3,083	16,669	13,601	3,087	16,688
35. Grading, scraping, oiling, filling .....	387	236	623	287	209	496	304	222	526
36. Sidewalks, paths .....	792	77	869	695	43	738	964	48	1,012
37. Aerodromes, landing fields, runways, tarmac .....									
<b>Waterworks and sewage systems .....</b>	<b>15,960</b>	<b>4,343</b>	<b>20,303</b>	<b>20,609</b>	<b>5,143</b>	<b>25,752</b>	<b>18,786</b>	<b>5,478</b>	<b>24,264</b>
38. Tile drains, drainage ditches, storm sewers .....	2,419	1,204	3,623	6,090	1,454	7,544	4,811	1,802	6,613
39. Water mains, hydrants and services .....	6,601	2,244	8,845	4,198	2,657	6,855	4,333	2,733	7,066
40. Sewage systems and connections .....	6,067	728	6,795	8,844	884	9,728	6,896	759	7,655
41. Pumping stations, water .....	539	95	634	1,204	77	1,281	2,448	109	2,557
42. Water storage tanks .....	334	72	406	273	71	344	298	75	373
<b>Dams and irrigation .....</b>	<b>11,971</b>	<b>667</b>	<b>12,638</b>	<b>11,496</b>	<b>555</b>	<b>12,051</b>	<b>10,958</b>	<b>580</b>	<b>11,538</b>
43. Dams and reservoirs .....	10,372	99	10,471	10,048	72	10,120	9,561	114	9,675
44. Irrigation and land reclamation projects .....	1,599	568	2,167	1,448	483	1,931	1,397	466	1,863
<b>Electric power construction .....</b>	<b>135,780</b>	<b>3,287</b>	<b>139,067</b>	<b>160,840</b>	<b>3,264</b>	<b>164,104</b>	<b>126,115</b>	<b>3,289</b>	<b>129,404</b>
45. Electric power generating plants, including water conveying and controlling structures .....	75,379	743	76,122	75,492	1,846	77,338	40,532	1,967	42,499
46. Electric transformer stations .....	1,769	367	2,136	2,652	82	2,734	1,490	87	1,577
47. Power transmission and distribution lines, trolley wires .....	56,423	1,504	57,927	80,691	586	81,277	82,645	589	83,234
48. Street lighting .....	2,209	673	2,882	2,005	750	2,755	1,448	646	2,094
<b>Railway, telephone and telegraph .....</b>	<b>29,487</b>	<b>17,877</b>	<b>47,364</b>	<b>21,568</b>	<b>16,653</b>	<b>38,221</b>	<b>24,771</b>	<b>18,347</b>	<b>43,118</b>
49. Railway tracks and roadbed .....	16,577	11,579	28,156	10,106	11,083	21,189	13,084	11,913	24,997
50. Signals and interlockers .....	677	1,292	1,969	1,199	1,507	2,706	1,559	1,620	3,179
51. Telegraph and telephone lines, underground and marine cables	12,233	5,006	17,239	10,263	4,063	14,326	10,128	4,814	14,942
<b>Gas and oil facilities .....</b>	<b>24,838</b>	<b>2,612</b>	<b>27,450</b>	<b>28,846</b>	<b>1,596</b>	<b>30,442</b>	<b>19,085</b>	<b>1,636</b>	<b>20,721</b>
52. Gas mains and services .....	4,120	736	4,856	3,488	505	3,993	1,920	523	2,443
53. Pumping stations, oil .....	749	115	864	44	122	166	393	132	525
54. Pumping stations, gas .....	2,216	545	2,761	—	32	32	—	32	32
55. Oil storage tanks .....	589	92	681	649	251	900	640	163	803
56. Gas storage tanks .....	784	—	784	24	2	26	1,514	3	1,517
57. Oil pipe lines .....	744	185	929	40	132	172	70	146	216
58. Gas pipe lines .....	14,000	500	14,500	17,420	27	17,447	12,894	27	12,921
59. Oil wells .....	1,454	377	1,831	7,181	525	7,706	1,404	552	1,956
60. Gas wells .....	182	62	244	—	—	—	250	58	308
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>37,320</b>	<b>7,789</b>	<b>45,109</b>	<b>49,486</b>	<b>10,204</b>	<b>59,690</b>	<b>52,173</b>	<b>11,498</b>	<b>63,671</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,112	2,135	10,247	8,564	2,944	11,508	9,563	2,990	12,553
64. Tunnels and subways .....	98	—	98	261	—	261	7	1	8
65. Incinerators .....	—	26	26	—	10	10	—	11	11
66. Park systems, landscaping, sodding, etc. ....	1,224	245	1,469	884	106	990	989	113	1,102
67. Swimming pools, tennis courts, outdoor recreation facilities....	21	30	51	18	13	31	25	15	40
68. Mine shafts and other below surface workings .....	20,387	507	20,894	30,985	2,333	33,318	35,851	3,134	38,985
69. Fences, snowsheds, signs, guard rails .....	2,227	900	3,127	3,272	1,067	4,339	3,244	1,068	4,312
70. Other engineering construction .....	5,251	3,946	9,197	5,502	3,731	9,233	2,494	4,166	6,660

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.<sup>2</sup> See footnote 2, Table 3.<sup>3</sup> Included in "Other engineering construction".<sup>4</sup> See footnote 5, Table 6.

**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1968-70<sup>1,2,3,4,5</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>541,215</b>	<b>127,444</b>	<b>668,659</b>	<b>452,619</b>	<b>126,317</b>	<b>578,936</b>	<b>430,048</b>	<b>130,737</b>	<b>560,785</b>
<b>Total building construction .....</b>	<b>254,528</b>	<b>66,708</b>	<b>321,236</b>	<b>224,969</b>	<b>65,550</b>	<b>290,519</b>	<b>209,579</b>	<b>66,352</b>	<b>275,931</b>
<b>Residential .....</b>	<b>113,238</b>	<b>39,050</b>	<b>152,288</b>	<b>103,700</b>	<b>41,300</b>	<b>145,000</b>	<b>90,400</b>	<b>41,700</b>	<b>132,100</b>
<b>Industrial .....</b>	<b>31,116</b>	<b>3,415</b>	<b>34,531</b>	<b>18,905</b>	<b>4,242</b>	<b>23,147</b>	<b>12,455</b>	<b>4,515</b>	<b>16,970</b>
2. Factories, plants, workshops, food canneries .....	7,836	1,359	9,195	4,033	1,086	5,119	2,922	1,113	4,035
3. Mine and mine mill buildings .....	22,431	586	23,017	13,472	1,518	14,990	8,199	1,641	9,840
4. Railway stations, offices, roadway buildings .....	534	999	1,533	755	964	1,719	773	1,037	1,810
5. Railway shops, engine houses, water and fuel stations .....	315	471	786	645	674	1,319	561	724	1,285
<b>Commercial .....</b>	<b>40,927</b>	<b>9,493</b>	<b>50,420</b>	<b>37,716</b>	<b>7,175</b>	<b>44,891</b>	<b>33,478</b>	<b>6,920</b>	<b>40,398</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	6,525	1,276	7,801	6,227	1,208	7,435	6,213	1,009	7,222
7. Grain elevators .....	4,582	3,107	7,689	2,591	1,818	4,409	2,490	1,726	4,216
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,503	676	4,179	1,445	468	1,913	1,020	443	1,463
9. Office buildings .....	10,506	1,785	12,291	9,953	1,030	10,983	8,955	1,150	10,105
10. Stores, retail and wholesale .....	7,433	1,738	9,171	9,984	1,725	11,709	9,998	1,581	11,579
11. Garages and service stations .....	2,293	678	2,971	2,995	655	3,650	2,834	770	3,604
12. Theatres, arenas, amusement and recreational buildings .....	6,080	204	6,284	4,515	259	4,774	1,968	241	2,209
13. Laundries and dry cleaning establishments .....	5	29	34	6	12	18	—	—	—
<b>Institutional .....</b>	<b>43,925</b>	<b>5,372</b>	<b>49,297</b>	<b>43,090</b>	<b>4,839</b>	<b>47,929</b>	<b>51,693</b>	<b>5,428</b>	<b>57,121</b>
14. Schools and other educational buildings .....	33,240	2,530	35,770	32,557	2,698	35,255	40,406	2,912	43,318
15. Churches and other religious buildings .....	779	223	1,002	225	218	443	26	103	129
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	7,102	2,310	9,412	5,058	1,710	6,768	8,678	2,193	10,871
17. Other institutional buildings .....	2,804	309	3,113	5,250	213	5,463	2,583	220	2,803
<b>Other building construction .....</b>	<b>25,322</b>	<b>9,378</b>	<b>34,700</b>	<b>21,558</b>	<b>7,994</b>	<b>29,552</b>	<b>21,553</b>	<b>7,789</b>	<b>29,342</b>
18. Farm buildings (excluding dwellings) .....	20,515	8,316	28,831	17,834	7,196	25,030	17,309	6,981	24,290
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,510	254	1,764	2,075	237	2,312	1,052	223	1,275
20. Aeroplane hangars .....	42	56	98	50	55	105	174	61	235
21. Passenger terminals, bus, boat or air .....	—	27	27	—	30	30	—	30	30
22. Armouries, barracks, drill halls, etc. ....	79	457	536	93	203	296	139	222	361
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	845	143	988	60	78	138	16	89	105
24. Other building construction .....	2,331	125	2,456	1,446	195	1,641	2,863	183	3,046
<b>Total engineering construction .....</b>	<b>286,687</b>	<b>60,736</b>	<b>347,423</b>	<b>227,650</b>	<b>60,767</b>	<b>288,417</b>	<b>220,469</b>	<b>64,385</b>	<b>284,854</b>
<b>Marine construction .....</b>	<b>364</b>	<b>73</b>	<b>437</b>	<b>381</b>	<b>74</b>	<b>455</b>	<b>389</b>	<b>79</b>	<b>468</b>
25. Docks, wharves, piers, breakwaters .....	352	72	424	235	74	309	225	79	304
26. Retaining walls, embankments, riprapping .....	10	—	10	108	—	108	126	—	126
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	1	1	—	—	—	—	—	—
29. Dyke construction .....	2	—	2	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	—	—	—	38	—	38	38	—	38

See footnote(s) at end of table.



**TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1968 - 70<sup>1,2,3,4,5</sup> — Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>70,533</b>	<b>14,922</b>	<b>85,455</b>	<b>68,042</b>	<b>16,197</b>	<b>84,239</b>	<b>66,100</b>	<b>17,721</b>	<b>83,821</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	67,678	14,511	82,189	65,780	15,884	81,664	64,262	17,392	81,654
33. Gravel or stone streets, highways, roads, parking lots, etc. ....	812	106	918	883	98	981	475	79	554
34. Dirt, clay or other streets, roads, parking lots, etc. ....	95	18	113	47	25	72	55	16	71
35. Grading, scraping, oiling, filling .....	1,719	122	1,841	1,038	117	1,155	904	154	1,058
36. Sidewalks, paths .....	229	165	394	294	73	367	404	80	484
37. Aerodromes, landing fields, runways, tarmac .....									
<b>Waterworks and sewage systems .....</b>	<b>14,947</b>	<b>3,972</b>	<b>18,919</b>	<b>14,524</b>	<b>4,851</b>	<b>19,375</b>	<b>16,771</b>	<b>4,761</b>	<b>21,532</b>
38. Tile drains, drainage ditches, storm sewers .....	2,339	896	3,235	1,992	779	2,771	1,894	758	2,652
39. Water mains, hydrants and services .....	5,709	1,743	7,452	3,618	2,072	5,690	4,556	2,065	6,621
40. Sewage systems and connections .....	4,731	843	5,574	7,718	1,131	8,849	9,173	1,062	10,235
41. Pumping stations, water .....	1,591	352	1,943	793	726	1,519	423	737	1,160
42. Water storage tanks .....	577	138	715	403	143	546	725	139	864
<b>Dams and irrigation .....</b>	<b>5,263</b>	<b>2,039</b>	<b>7,302</b>	<b>5,348</b>	<b>1,311</b>	<b>6,659</b>	<b>7,007</b>	<b>1,328</b>	<b>8,335</b>
43. Dams and reservoirs .....	2,698	891	3,589	3,104	371	3,475	4,801	408	5,209
44. Irrigation and land reclamation projects .....	2,565	1,148	3,713	2,244	940	3,184	2,206	920	3,126
<b>Electric power construction .....</b>	<b>35,690</b>	<b>2,873</b>	<b>38,563</b>	<b>25,651</b>	<b>4,011</b>	<b>29,662</b>	<b>19,711</b>	<b>4,511</b>	<b>24,222</b>
45. Electric power generating plants, including water conveying and controlling structures .....	21,807	1,588	23,395	15,298	2,249	17,547	10,109	2,503	12,612
46. Electric transformer stations .....	3,414	398	3,812	2,775	569	3,344	2,387	709	3,096
47. Power transmission and distribution lines, trolley wires .....	9,419	674	10,093	6,485	1,032	7,517	5,953	1,103	7,056
48. Street lighting .....	1,050	213	1,263	1,093	161	1,254	1,262	196	1,458
<b>Railway, telephone and telegraph .....</b>	<b>16,837</b>	<b>14,233</b>	<b>31,070</b>	<b>14,876</b>	<b>11,786</b>	<b>26,662</b>	<b>16,958</b>	<b>12,660</b>	<b>29,618</b>
49. Railway tracks and roadbed .....	9,771	10,390	20,161	8,493	9,518	18,011	8,231	10,230	18,461
50. Signals and interlockers .....	586	998	1,584	1,032	1,292	2,324	1,027	1,389	2,416
51. Telegraph and telephone lines, underground and marine cables .....	6,480	2,845	9,325	5,351	976	6,327	7,700	1,041	8,741
<b>Gas and oil facilities .....</b>	<b>46,225</b>	<b>17,794</b>	<b>64,019</b>	<b>39,739</b>	<b>18,336</b>	<b>58,075</b>	<b>39,863</b>	<b>19,081</b>	<b>58,944</b>
52. Gas mains and services .....	2,678	851	3,529	1,951	1,215	3,166	2,160	1,187	3,347
53. Pumping stations, oil .....	1,225	477	1,702	368	445	813	1,105	459	1,564
54. Pumping stations, gas .....	7,400	1,640	9,040	—	77	77	—	77	77
55. Oil storage tanks .....	563	420	983	339	259	598	298	241	539
56. Gas storage tanks .....	30	—	30	5	1	6	14	—	14
57. Oil pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	28,299	10,457	38,756	30,200	10,941	41,141	31,539	12,220	43,759
60. Gas wells .....	4,229	1,740	5,969	6,127	2,208	8,335	3,735	1,436	5,171
61. Oil refinery — Processing units <sup>4</sup> .....	551	1,953	2,504	316	2,065	2,381	187	1,960	2,147
62. Natural gas cleaning plants .....	1,250	256	1,506	433	1,125	1,558	825	1,501	2,326
<b>Other engineering construction .....</b>	<b>96,828</b>	<b>4,830</b>	<b>101,658</b>	<b>59,089</b>	<b>4,201</b>	<b>63,290</b>	<b>53,670</b>	<b>4,244</b>	<b>57,914</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,164	633	3,797	3,748	994	4,742	5,896	1,058	6,954
64. Tunnels and subways .....	165	17	182	8	19	27	19	29	48
65. Incinerators .....	—	—	—	—	—	—	15	—	15
66. Park systems, landscaping, sodding, etc. ....	96	39	135	640	113	753	1,115	83	1,198
67. Swimming pools, tennis courts, outdoor recreation facilities .....	123	20	143	319	20	339	737	24	761
68. Mine shafts and other below surface workings .....	39,080	168	39,248	11,832	332	12,164	6,164	295	6,459
69. Fences, snowsheds, signs, guard rails .....	3,286	1,461	4,747	2,958	1,264	4,222	3,042	1,263	4,305
70. Other engineering construction .....	50,914	2,492	53,406	39,584	1,459	41,043	36,682	1,492	38,174

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering construction".

<sup>4</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

<sup>5</sup> See footnote 5, Table 6.



**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure— Alberta, 1968 - 70<sup>1,2,3,4</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,205,323</b>	<b>237,436</b>	<b>1,442,759</b>	<b>1,351,872</b>	<b>253,086</b>	<b>1,604,958</b>	<b>1,447,527</b>	<b>260,033</b>	<b>1,707,560</b>
<b>Total building construction .....</b>	<b>539,092</b>	<b>110,196</b>	<b>649,288</b>	<b>654,878</b>	<b>116,515</b>	<b>771,393</b>	<b>659,661</b>	<b>117,202</b>	<b>776,863</b>
<b>Residential .....</b>	<b>248,085</b>	<b>60,885</b>	<b>308,970</b>	<b>333,100</b>	<b>67,600</b>	<b>400,700</b>	<b>327,400</b>	<b>68,800</b>	<b>396,200</b>
<b>Industrial .....</b>	<b>19,122</b>	<b>7,324</b>	<b>26,446</b>	<b>32,931</b>	<b>7,412</b>	<b>40,343</b>	<b>37,315</b>	<b>8,040</b>	<b>45,355</b>
2. Factories, plants, workshops, food canneries ....	16,177	5,492	21,669	23,382	5,438	28,820	32,439	5,789	38,228
3. Mine and mine mill buildings .....	1,758	153	1,911	7,379	222	7,601	3,017	372	3,389
4. Railway stations, offices, roadway buildings .....	747	1,076	1,823	1,142	1,030	2,172	975	1,104	2,079
5. Railway shops, engine houses, water and fuel stations .....	440	603	1,043	1,028	722	1,750	884	775	1,659
<b>Commercial .....</b>	<b>91,288</b>	<b>17,456</b>	<b>108,744</b>	<b>115,302</b>	<b>16,051</b>	<b>131,353</b>	<b>104,889</b>	<b>15,534</b>	<b>120,423</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14,887	2,268	17,155	18,430	2,255	20,685	12,460	2,175	14,635
7. Grain elevators .....	2,662	1,777	4,439	1,650	1,100	2,750	1,438	997	2,435
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,920	1,439	10,359	4,718	1,753	6,471	1,970	1,284	3,254
9. Office buildings .....	38,632	4,247	42,879	62,757	5,187	67,944	64,999	5,604	70,603
10. Stores, retail and wholesale .....	8,710	3,899	12,609	15,475	3,068	18,543	14,638	2,847	17,485
11. Garages and service stations .....	7,365	2,222	9,587	5,488	1,309	6,797	4,536	1,394	5,930
12. Theatres, arenas, amusement and recreational buildings .....	10,072	1,520	11,592	6,679	1,201	7,880	4,848	1,024	5,872
13. Laundries and dry cleaning establishments .....	40	84	124	105	178	283	—	209	209
<b>Institutional .....</b>	<b>131,173</b>	<b>10,965</b>	<b>142,138</b>	<b>122,005</b>	<b>12,564</b>	<b>134,569</b>	<b>142,180</b>	<b>12,764</b>	<b>154,944</b>
14. Schools and other educational buildings .....	94,793	6,352	101,145	94,441	7,650	102,091	117,929	7,426	125,355
15. Churches and other religious buildings .....	3,163	247	3,410	2,747	199	2,946	744	244	988
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	28,966	2,733	31,699	18,195	2,467	20,662	15,885	2,764	18,649
17. Other institutional buildings .....	4,251	1,633	5,884	6,622	2,248	8,870	7,622	2,330	9,952
<b>Other building construction .....</b>	<b>49,424</b>	<b>13,566</b>	<b>62,990</b>	<b>51,540</b>	<b>12,888</b>	<b>64,428</b>	<b>47,877</b>	<b>12,064</b>	<b>59,941</b>
18. Farm buildings (excluding dwellings) .....	37,367	10,070	47,437	35,208	9,869	45,077	34,387	9,660	44,047
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,572	859	5,431	4,243	873	5,116	6,416	951	7,367
20. Aeroplane hangars .....	16	93	109	276	840	1,116	97	166	263
21. Passenger terminals, bus, boat or air .....	175	256	431	222	23	245	166	21	187
22. Armouries, barracks, drill halls, etc. ....	262	1,137	1,399	277	525	802	324	549	873
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	610	255	865	601	257	858	366	280	646
24. Other building construction .....	6,422	896	7,318	10,713	501	11,214	6,121	437	6,558
<b>Total engineering construction .....</b>	<b>666,231</b>	<b>127,240</b>	<b>793,471</b>	<b>696,994</b>	<b>136,571</b>	<b>833,565</b>	<b>787,866</b>	<b>142,831</b>	<b>930,697</b>
<b>Marine construction .....</b>	<b>440</b>	<b>465</b>	<b>905</b>	<b>3,184</b>	<b>292</b>	<b>3,476</b>	<b>1,765</b>	<b>282</b>	<b>2,047</b>
25. Docks, wharves, piers, breakwaters .....	139	465	604	1,372	239	1,611	865	252	1,117
26. Retaining walls, embankments, riprapping .....	—	—	—	—	—	—	—	—	—
27. Canals and waterways .....	—	—	—	—	—	—	—	—	—
28. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
29. Dyke construction .....	1	—	1	—	—	—	—	—	—
30. Logging booms .....	—	—	—	—	—	—	—	—	—
31. Other marine construction .....	300	—	300	1,812	53	1,865	900	30	930

See footnote(s) at end of table.

**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1968-70<sup>1,2,3,4</sup>—Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>73,082</b>	<b>37,566</b>	<b>110,648</b>	<b>76,170</b>	<b>30,784</b>	<b>106,954</b>	<b>80,961</b>	<b>35,519</b>	<b>116,480</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	61,802	36,537	98,339	64,084	28,838	92,922	68,459	33,642	102,101
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	438	123	561	616	177	793	226	164	390
35. Grading, scraping, oiling, filling .....	7,513	28	7,541	8,418	1,435	9,853	8,741	1,435	10,176
36. Sidewalks, paths .....	2,638	656	3,294	2,457	174	2,631	2,906	217	3,123
37. Aerodromes, landing fields, runways, tarmac .....	691	222	913	595	160	755	629	61	690
<b>Waterworks and sewage systems .....</b>	<b>29,222</b>	<b>7,695</b>	<b>36,917</b>	<b>37,397</b>	<b>5,852</b>	<b>43,249</b>	<b>42,006</b>	<b>5,310</b>	<b>47,316</b>
38. Tile drains, drainage ditches, storm sewers .....	4,247	1,124	5,371	4,063	1,039	5,102	3,992	1,018	5,010
39. Water mains, hydrants and services .....	9,774	3,135	12,909	10,805	4,002	14,807	13,420	3,429	16,849
40. Sewage systems and connections .....	11,646	3,163	14,809	21,112	513	21,625	22,459	545	23,004
41. Pumping stations, water .....	2,685	104	2,789	872	148	1,020	1,607	171	1,778
42. Water storage tanks .....	870	169	1,039	545	150	695	528	147	675
<b>Dams and irrigation .....</b>	<b>12,878</b>	<b>2,930</b>	<b>15,808</b>	<b>13,599</b>	<b>1,952</b>	<b>15,551</b>	<b>11,715</b>	<b>1,929</b>	<b>13,644</b>
43. Dams and reservoirs .....	5,061	545	5,606	6,416	255	6,671	4,128	267	4,395
44. Irrigation and land reclamation projects .....	7,817	2,385	10,202	7,183	1,697	8,880	7,587	1,662	9,249
<b>Electric power construction .....</b>	<b>42,357</b>	<b>5,839</b>	<b>48,196</b>	<b>37,092</b>	<b>5,446</b>	<b>42,538</b>	<b>40,201</b>	<b>5,523</b>	<b>45,724</b>
45. Electric power generating plants, including water conveying and controlling structures .....	8,717	773	9,490	11,193	699	11,892	15,319	544	15,863
46. Electric transformer stations .....	8,685	604	9,289	6,036	729	6,765	5,642	705	6,347
47. Power transmission and distribution lines, trolley wires .....	23,145	3,830	26,975	16,616	3,275	19,891	16,078	3,466	19,544
48. Street lighting .....	1,810	632	2,442	3,247	743	3,990	3,162	808	3,970
<b>Railway, telephone and telegraph .....</b>	<b>50,043</b>	<b>16,589</b>	<b>66,632</b>	<b>39,523</b>	<b>14,956</b>	<b>54,479</b>	<b>34,413</b>	<b>15,950</b>	<b>50,363</b>
49. Railway tracks and roadbed .....	28,840	11,503	40,343	18,522	11,117	29,639	14,144	11,828	25,972
50. Signals and interlockers .....	898	1,087	1,985	1,641	1,330	2,971	1,344	1,428	2,772
51. Telegraph and telephone lines, underground and marine cables .....	20,305	3,999	24,304	19,360	2,509	21,869	18,925	2,694	21,619
<b>Gas and oil facilities .....</b>	<b>369,811</b>	<b>46,706</b>	<b>416,517</b>	<b>411,254</b>	<b>65,741</b>	<b>476,995</b>	<b>459,352</b>	<b>65,828</b>	<b>525,180</b>
52. Gas mains and services .....	26,660	1,884	28,544	55,961	2,441	58,402	50,765	2,576	53,341
53. Pumping stations, oil .....	5,336	953	6,289	4,616	814	5,430	3,425	935	4,360
54. Pumping stations, gas .....	10,313	434	10,747	26,351	595	26,946	37,723	598	38,321
55. Oil storage tanks .....	2,653	109	2,762	1,922	258	2,180	3,662	253	3,915
56. Gas storage tanks .....	6	1	7	9	1	10	22	1	23
57. Oil pipe lines .....	28,222	1,615	29,837	18,910	1,036	19,946	7,965	1,088	9,053
58. Gas pipe lines .....	3,309	370	3,679	3,225	331	3,556	3,560	363	3,923
59. Oil wells .....	171,070	23,613	194,683	139,133	22,643	161,776	138,489	20,702	159,191
60. Gas wells .....	56,513	3,937	60,450	84,642	13,902	98,544	94,753	14,019	108,772
61. Oil refinery—Processing units <sup>3</sup> .....	1,786	2,557	4,343	3,609	2,730	6,339	1,428	3,330	4,758
62. Natural gas cleaning plants .....	63,943	11,233	75,176	72,876	20,990	93,866	117,560	21,963	139,523
<b>Other engineering construction .....</b>	<b>88,398</b>	<b>9,450</b>	<b>97,848</b>	<b>78,775</b>	<b>11,548</b>	<b>90,323</b>	<b>117,453</b>	<b>12,490</b>	<b>129,943</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	24,753	4,339	29,092	19,253	5,998	25,251	13,644	6,543	20,187
64. Tunnels and subways .....	221	112	333	11	2	13	281	3	284
65. Incinerators .....	—	5	5	—	2	2	—	3	3
66. Park systems, landscaping, sodding, etc. ....	5,132	1,594	6,726	6,312	1,695	8,007	7,044	1,711	8,755
67. Swimming pools, tennis courts, outdoor recreation facilities .....	222	30	252	334	486	820	582	526	1,108
68. Mine shafts and other below surface workings .....	2,934	77	3,011	1,988	—	1,988	1,250	—	1,250
69. Fences, snowsheds, signs, guard rails .....	5,971	1,807	7,778	5,773	1,655	7,428	5,637	1,637	7,274
70. Other engineering construction .....	49,165	1,486	50,651	45,104	1,710	46,814	89,015	2,067	91,082

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Item 61 "Oil refinery—Processing units" includes related structures employed in production of petrochemicals.

<sup>4</sup> See footnote 5, Table 6.



**TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure - British Columbia, 1968 - 70<sup>1,2,3,4,5,6</sup>**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,344,801</b>	<b>234,672</b>	<b>1,579,473</b>	<b>1,460,522</b>	<b>248,322</b>	<b>1,708,844</b>	<b>1,618,495</b>	<b>267,996</b>	<b>1,886,491</b>
<b>Total building construction .....</b>	<b>738,304</b>	<b>149,601</b>	<b>887,905</b>	<b>864,762</b>	<b>157,218</b>	<b>1,021,980</b>	<b>874,044</b>	<b>163,772</b>	<b>1,037,816</b>
<b>Residential .....</b>	<b>398,994</b>	<b>89,230</b>	<b>488,224</b>	<b>464,800</b>	<b>98,700</b>	<b>563,500</b>	<b>471,500</b>	<b>103,000</b>	<b>574,500</b>
<b>Industrial .....</b>	<b>77,001</b>	<b>16,619</b>	<b>93,620</b>	<b>117,174</b>	<b>18,705</b>	<b>135,879</b>	<b>112,833</b>	<b>19,991</b>	<b>132,824</b>
2. Factories, plants, workshops, food canneries ....	44,147	13,133	57,280	77,662	15,532	93,194	84,369	15,572	99,941
3. Mine and mine mill buildings .....	31,220	1,553	32,773	34,592	997	35,589	23,385	2,085	25,470
4. Railway stations, offices, roadway buildings ....	986	1,236	2,222	1,338	1,308	2,646	1,943	1,389	3,332
5. Railway shops, engine houses, water and fuel stations .....	648	697	1,345	3,582	868	4,450	3,136	945	4,081
<b>Commercial .....</b>	<b>125,670</b>	<b>21,183</b>	<b>146,853</b>	<b>121,777</b>	<b>20,212</b>	<b>141,989</b>	<b>133,758</b>	<b>20,680</b>	<b>154,438</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	19,884	2,510	22,394	13,406	2,021	15,427	20,198	2,143	22,341
7. Grain elevators .....	162	476	638	209	357	566	12	317	329
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	11,130	2,870	14,000	16,646	3,138	19,784	22,525	2,395	24,920
9. Office buildings .....	47,374	7,213	54,587	41,461	7,105	48,566	43,336	8,285	51,621
10. Stores, retail and wholesale .....	27,304	4,385	31,689	28,709	4,169	32,878	20,435	3,644	24,079
11. Garages and service stations .....	9,578	2,032	11,610	16,027	1,853	17,880	17,307	1,703	19,010
12. Theatres, arenas, amusement and recreational buildings .....	9,149	1,546	10,695	5,136	1,362	6,498	9,784	2,038	11,822
13. Laundries and dry cleaning establishments .....	1,089	151	1,240	183	207	390	161	155	316
<b>Institutional .....</b>	<b>90,830</b>	<b>13,531</b>	<b>104,361</b>	<b>110,072</b>	<b>13,691</b>	<b>123,763</b>	<b>120,186</b>	<b>13,943</b>	<b>134,129</b>
14. Schools and other educational buildings .....	45,185	6,694	51,879	66,364	6,491	72,855	67,233	6,218	73,451
15. Churches and other religious buildings .....	3,396	354	3,750	2,149	489	2,638	1,575	419	1,994
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	22,216	1,879	24,095	31,096	4,381	35,477	37,426	4,644	42,070
17. Other institutional buildings .....	20,033	4,604	24,637	10,463	2,330	12,793	13,952	2,662	16,614
<b>Other building construction .....</b>	<b>45,809</b>	<b>9,038</b>	<b>54,847</b>	<b>50,939</b>	<b>5,910</b>	<b>56,849</b>	<b>35,767</b>	<b>6,158</b>	<b>41,925</b>
18. Farm buildings (excluding dwellings) .....	7,618	2,023	9,641	6,055	1,605	7,660	6,447	1,762	8,209
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,329	716	5,045	4,156	940	5,096	4,888	796	5,684
20. Aeroplane hangars .....	11,655	140	11,795	11,143	156	11,299	4,379	159	4,538
21. Passenger terminals, bus, boat or air .....	4,452	550	5,002	4,096	760	4,856	5,771	794	6,565
22. Armouries, barracks, drill halls, etc. ....	113	442	555	118	653	771	120	686	806
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	3,504	863	4,367	5,504	1,227	6,731	4,695	1,147	5,842
24. Other building construction .....	14,138	4,304	18,442	19,867	569	20,436	9,467	814	10,281
<b>Total engineering construction .....</b>	<b>606,497</b>	<b>85,071</b>	<b>691,568</b>	<b>595,760</b>	<b>91,104</b>	<b>686,864</b>	<b>744,451</b>	<b>104,224</b>	<b>848,675</b>
<b>Marine construction .....</b>	<b>24,787</b>	<b>5,015</b>	<b>29,802</b>	<b>21,771</b>	<b>5,825</b>	<b>27,596</b>	<b>25,128</b>	<b>6,153</b>	<b>31,281</b>
25. Docks, wharves, piers, breakwaters .....	15,464	3,505	18,969	9,949	3,857	13,806	7,808	4,134	11,942
26. Retaining walls, embankments, riprapping .....	602	83	685	2,368	348	2,716	3,304	285	3,589
27. Canals and waterways .....	2,414	1	2,415	2,337	3	2,340	2,374	3	2,377
28. Dredging and pile driving .....	1,404	398	1,802	1,834	383	2,217	1,088	384	1,472
29. Dyke construction .....	84	13	97	598	5	603	5,800	11	5,811
30. Logging booms .....	193	401	594	320	467	787	390	530	920
31. Other marine construction .....	4,626	614	5,240	4,365	762	5,127	4,364	806	5,170

See footnote(s) at end of table.



**TABLE 27. Total Value of Construction Work Performed — New and Repair by Type of Structure — British Columbia, 1968-70<sup>1,2,3,4,5,6</sup> — Concluded**

Type of structure	1968			1969			1970		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>133, 163</b>	<b>24, 951</b>	<b>158, 114</b>	<b>133, 205</b>	<b>30, 708</b>	<b>163, 913</b>	<b>151, 239</b>	<b>36, 648</b>	<b>187, 887</b>
32. Hard surfaced or paved streets, highways, parking lots, etc. ....	102, 620	19, 877	122, 497	82, 399	18, 646	101, 045	94, 575	24, 440	119, 015
33. Gravel or stone streets, highways, roads, parking lots, etc. ....									
34. Dirt, clay or other streets, roads, parking lots, etc. ....	25, 649	4, 673	30, 322	41, 021	9, 299	50, 320	43, 772	9, 063	52, 835
35. Grading, scraping, oiling, filling .....	271	85	356	5, 321	2, 286	7, 607	8, 056	2, 246	10, 302
36. Sidewalks, paths .....	2, 023	249	2, 272	1, 847	370	2, 217	2, 182	793	2, 975
37. Aerodromes, landing fields, runways, tarmac .....	2, 600	67	2, 667	2, 617	107	2, 724	2, 654	106	2, 760
<b>Waterworks and sewage systems .....</b>	<b>32, 151</b>	<b>5, 983</b>	<b>38, 134</b>	<b>30, 668</b>	<b>6, 061</b>	<b>36, 729</b>	<b>37, 804</b>	<b>8, 389</b>	<b>46, 193</b>
38. Tile drains, drainage ditches, storm sewers .....	1, 081	234	1, 315	1, 441	195	1, 636	1, 146	242	1, 388
39. Water mains, hydrants and services .....	11, 682	3, 426	15, 108	11, 107	3, 785	14, 892	15, 205	3, 973	19, 178
40. Sewage systems and connections .....	16, 453	1, 900	18, 353	16, 513	1, 649	18, 162	20, 162	3, 746	23, 908
41. Pumping stations, water .....	2, 470	342	2, 812	1, 130	356	1, 486	932	347	1, 279
42. Water storage tanks .....	465	81	546	477	76	553	359	81	440
<b>Dams and irrigation .....</b>	<b>68, 192</b>	<b>420</b>	<b>68, 612</b>	<b>75, 414</b>	<b>424</b>	<b>75, 838</b>	<b>100, 935</b>	<b>346</b>	<b>101, 281</b>
43. Dams and reservoirs .....	67, 109	172	67, 281	73, 666	228	73, 894	99, 079	134	99, 213
44. Irrigation and land reclamation projects .....	1, 083	248	1, 331	1, 748	196	1, 944	1, 856	212	2, 068
<b>Electric power construction .....</b>	<b>105, 439</b>	<b>10, 290</b>	<b>115, 729</b>	<b>72, 365</b>	<b>10, 436</b>	<b>82, 801</b>	<b>101, 934</b>	<b>11, 445</b>	<b>113, 379</b>
45. Electric power generating plants, including water conveying and controlling structures .....	32, 615	3, 590	36, 205	13, 348	3, 545	16, 893	30, 053	3, 757	33, 810
46. Electric transformer stations .....	2, 981	35	3, 016	918	94	1, 012	462	44	506
47. Power transmission and distribution lines, trolley wires .....	67, 505	6, 163	73, 668	56, 831	6, 383	63, 214	69, 770	6, 957	76, 727
48. Street lighting .....	2, 338	502	2, 840	1, 268	414	1, 682	1, 649	687	2, 336
<b>Railway, telephone and telegraph .....</b>	<b>48, 101</b>	<b>22, 083</b>	<b>70, 184</b>	<b>65, 997</b>	<b>19, 534</b>	<b>85, 531</b>	<b>78, 578</b>	<b>21, 527</b>	<b>100, 105</b>
49. Railway tracks and roadbed .....	25, 818	14, 785	40, 603	42, 562	14, 082	56, 644	52, 791	15, 042	67, 833
50. Signals and interlockers .....	2, 215	1, 241	3, 456	1, 722	1, 570	3, 292	2, 877	1, 690	4, 567
51. Telegraph and telephone lines, underground and marine cables .....	20, 068	6, 057	26, 125	21, 713	3, 882	25, 595	22, 910	4, 795	27, 705
<b>Gas and oil facilities .....</b>	<b>75, 391</b>	<b>8, 066</b>	<b>83, 457</b>	<b>90, 158</b>	<b>10, 888</b>	<b>101, 046</b>	<b>103, 996</b>	<b>11, 439</b>	<b>115, 435</b>
52. Gas mains and services .....	8, 173	948	9, 121	10, 868	1, 500	12, 368	8, 401	1, 671	10, 072
53. Pumping stations, oil .....	136	304	440	506	509	1, 015	510	559	1, 069
54. Pumping stations, gas .....	294	—	294	341	—	341	6, 791	282	7, 073
55. Oil storage tanks .....	1, 365	372	1, 737	2, 285	245	2, 530	2, 136	271	2, 407
56. Gas storage tanks .....	601	3	604	544	31	575	35	34	69
57. Oil pipe lines .....	359	738	1, 097	449	541	990	567	609	1, 176
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil wells .....	33, 782	1, 532	35, 314	42, 193	2, 709	44, 902	49, 870	3, 281	53, 151
60. Gas wells .....	18, 650	253	18, 903	20, 155	1, 987	22, 142	25, 892	1, 895	27, 787
61. Oil refinery — Processing units <sup>4</sup> .....	9, 689	3, 093	12, 782	10, 191	3, 087	13, 278	4, 845	2, 452	7, 297
62. Natural gas cleaning plants .....	2, 342	823	3, 165	2, 626	279	2, 905	4, 949	385	5, 334
<b>Other engineering construction .....</b>	<b>119, 273</b>	<b>8, 263</b>	<b>127, 536</b>	<b>106, 182</b>	<b>7, 228</b>	<b>113, 410</b>	<b>144, 837</b>	<b>8, 277</b>	<b>153, 114</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	13, 593	4, 690	18, 283	23, 027	4, 384	27, 411	24, 247	4, 610	28, 857
64. Tunnels and subways .....	67	3	70	821	—	821	874	—	874
65. Incinerators .....	27	—	27	13	—	13	63	25	88
66. Park systems, landscaping, sodding, etc. ....	1, 820	229	2, 049	1, 711	1, 041	2, 752	1, 246	1, 139	2, 385
67. Swimming pools, tennis courts, outdoor recreation facilities .....	303	—	303	379	42	421	414	25	439
68. Mine shafts and other below surface workings .....	54, 495	551	55, 046	52, 016	234	52, 250	68, 016	169	68, 185
69. Fences, snowsheds, signs, guard rails .....	1, 443	1, 289	2, 732	1, 553	503	2, 056	1, 650	538	2, 188
70. Other engineering construction .....	47, 525	1, 501	49, 026	26, 662	1, 024	27, 686	48, 327	1, 771	50, 098

<sup>1</sup> Actual 1968, preliminary 1969, intentions 1970.

<sup>2</sup> See footnote 2, Table 3.

<sup>3</sup> Included in "Other engineering".

<sup>4</sup> Item 61 "Oil refinery — Processing units" includes related structures employed in production of petrochemicals.

<sup>5</sup> Includes Northwest Territories and Yukon.

<sup>6</sup> See footnote 5, Table 6.

## STATISTICAL NOTES

### Sources

The statistics presented in this report are based largely on information received from organizations and individuals paying for the work done. Most of the data on the value of construction by type of structure is the result of two separate surveys:

- (a) the capital expenditures survey which obtained this information from business firms, institutions and government-owned enterprises and

- (b) the construction survey of government departments which provided much of the remainder.

In both these surveys respondents reported their total expenditures on new and repair construction by type of structure and, in addition, a breakdown of these totals into the value of work done by contract, and that done by their own labour force, the latter being the cost of own account work plus miscellaneous expenditures such as legal, architectural and engineering fees.

### Coverage and Reliability of Estimates

Of the total value of construction shown, about 81.7 per cent is the result of direct surveys of business firms, institutions, government-owned enterprises and departments and of residential building activity. The remainder is estimated. A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see pages 19 to 23 of the report "Private and Public Investment in Canada, Outlook 1970".

The figures on value of work in the tables of this report are estimates. In order to approximate full coverage in an industry group, reported data were inflated to allow for those firms which did not report. In Manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments in 1967 of all the firms in each industry by the corresponding 1967 total for the firms reporting in the 1970 survey. In carrying out this procedure it has been assumed that the proportion of shipments of the reporting establishments in both 1967 and 1970 has not changed significantly during the period and, further, that there is a relationship between total value of production and expenditures on construction. In the Utilities, Trade Finance and Institutional and Commercial Services sectors, the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by new establishments for which no production or other basic data are available, are included as "net additions". For some industries, which are not amenable to direct survey methods, independent estimates were made. Since reporting firms accounted for about 81.7 per cent of the total outlays, it is believed that the estimating procedure for the non-reporting firms and industries not covered by direct survey does not introduce any great margin of error into the total. Estimates for type of structure, individual industries or regions are, of course, subject to greater error than the total figures for Canada.

Both the 1969 preliminary actual figures and the 1970 forecast figures were reported by firms on the same questionnaire. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1969 to 1970 can be calculated with more precision than the absolute magnitude of expenditures in the two years.

Housing estimates were made on a different basis from those derived from information submitted directly by business or government. For 1968 and 1969, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1970 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1970.

The data on the 1970 construction expenditures are aggregates of the expectations of individual respondents and are therefore subject to fluctuations caused by a number of internal and external factors such as: weather conditions, strikes, availability of credit, availability of skilled trades and material resources, government action and other such factors.

### Labour and Material Content

The 1968 Survey of Contractors and Sub-Contractors provides the basic data for deriving ratios of labour and material content. The estimates of labour and materials are derived by applying the ratios of these items to the total value of work performed. The ratios used to breakdown the own-account portion are derived from the Capital Expenditures Survey.

To obtain the number of employees the average annual earnings of contractors and sub-contractors were obtained from the results of the 1963 Contractors Survey. These figures were inflated to allow for salary and wage increases, and were subsequently divided into the estimated total of salaries and wages for 1968, 1969 and 1970.

It is known that the data on labour value and labour content in Tables 7 and 8 are understated for the years 1969 and 1970 since the ratio of labour value to total billings for these years was not adjusted to reflect wage increases.

The Labour Series as published in "Construction in Canada" is intended to reflect the labour content in terms of equivalent man years of a specific volume of construction. It is an estimate of the total number of persons, employers, own-account, and paid workers engaged in Construction activity.



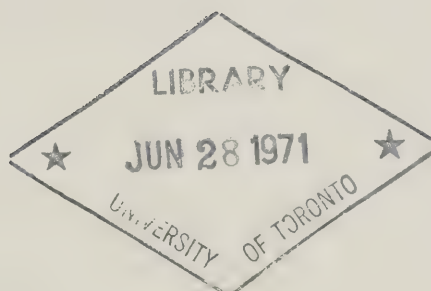
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CONSTRUCTION IN CANADA  
1969-71



DOMINION BUREAU OF STATISTICS



DOMINION BUREAU OF STATISTICS

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## INTRODUCTION

This report contains data on the total value of construction put in place during 1969 and 1970 and on intended construction expenditures for 1971. The information presented for 1970 is preliminary whereas that shown for 1969 and earlier years is final.

For the larger part the contents of *Construction in Canada* are based on the DBS capital expenditure survey. From the same source an earlier report *Private and Public Investment in Canada, Outlook*

1971 is published. *Private and Public Investment* reports the total capital outlays program including Machinery and Equipment, whereas *Construction in Canada* emphasizes the construction activity and reports a further detail of construction performed by 70 different types of structure. Additionally statistics on labour and materials input are supplied based on the DBS contractor survey, and on the censuses of mechanical and electrical special trade contractors.

## DEFINITIONS

**Construction** is defined as the creation, renovation, repair and demolition of immobile structures and the alteration of the natural topography of the ground.

**Construction activity** consists of the output of the **construction industry** plus the output of construction labour forces in other industries.

The **construction industry** is defined as the work performed by establishments primarily engaged in construction on a contract basis. Contract construction in the construction industry is executed by general contractors and special trade contractors. This publication reports "Dollar value" of construction work performed (or put in place) for the construction activity in Canada, as estimated on the basis of surveys (see Statistical notes, Sources). Included is (1) work performed by the **construction industry** designated as "Contract construction" (Table 2, p. 7) or "Contractors" (Table 8, page 12) and (2) work performed by construction labour forces in other than the construction industry, designated as "Own account" or "Other construction" (Table 2, p. 7) or "Utilities—Governments—Miscellaneous" (Table 8, p. 12).

**New construction** comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended beyond its normal life expectancy.

**Repair construction** consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

**Structures**—The construction value, and the structures that this is broken down into, includes all costs incurred directly or indirectly in the construction of the structure. In the independently recognizable structures the value of all permanently built-in equipment forming an integral part of the structure is included, as well as the cost of site preparation and land improvement. The purchase value of land and existing buildings is excluded.

**Labour content**—The Labour Series as published in *Construction in Canada* is intended to reflect the labour content in terms of "value" and "number" of a specific volume of construction. The "value" is gross payroll and the "number" is an estimate of the total number of persons, employers, own account and paid workers engaged in construction activity, expressed in terms of equivalent man years.

**Materials content** is the cost of materials installed portion of the value of work performed. The residual difference between value of work performed and cost of labour and materials is all other costs and profit.

## GENERAL REVIEW

Actual construction volumes for 1969 and 1970 amounted to 13.2 and 13.6 billion. This volume is expected to increase to 15.2 billion in 1971. The construction program anticipated for 1971 exceeds the 1970 volume by 1.6 billion or 11.7 per cent, which compares with increases of 8.1 per cent and 3.1 per cent realized in 1969 and 1970. The 3.1 per cent increase for 1970 is considerably lower than the 6.8 per cent that was anticipated last year for 1970 and amounts in terms of constant dollar volume to a small decrease of 0.7 per cent.

The industry sectors with the strongest growth for 1971 are expected to be mining with 25.0 per cent, utilities with 18.0 per cent and housing with 19.2 per cent. Among the provinces, all project increases for 1971 with notable advances of 22.3 per cent in British Columbia, 21.8 per cent in Prince Edward Island and 14.6 per cent in Quebec.

In 1971, new construction is estimated to be up 13.1 per cent while the repair portion shows a more regular increase of 5.1 per cent. The proportion of the complete 1971 program to be performed under contract is slightly lower at 78.6 per cent for 1971 although fairly consistent with the 79.9 per cent in 1970. The value of engineering type construction at 42.0 per cent of the total expected volume for 1971 is up 14.4 per cent over 1970, and the building activity portion (58.0 per cent) is up 9.8 per cent over the year before. Within these areas, in building, residential type construction is the most increasing significant group with an increase of 19.2 per cent projected for 1971. In engineering type structures the largest increases are expected in gas and oil facilities.

**TABLE A. Total Value of Construction Work Performed — Percentage Variation from Year to Year  
in Terms of Current and Constant Dollars, 1962-71<sup>1,2,3</sup>**

Year	Current dollars		Constant 1961 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1962 .....	7,343	3.6	7,281	2.8
1963 .....	7,715	5.1	7,454	2.4
1964 .....	8,662	12.3	8,181	9.8
1965 .....	9,929	14.6	8,785	7.4
1966 .....	11,235	13.2	9,331	6.2
1967 .....	11,620	3.4	9,594	2.8
1968 .....	12,214	5.1	9,807	2.2
1969 <sup>1</sup> .....	13,207	8.1	10,075	2.7
1970 <sup>2</sup> .....	13,623	3.1	10,000	- .7
1971 <sup>3</sup> .....	15,215	11.7	—	—

<sup>1</sup> Actual expenditures 1962-69, preliminary actual 1970, intentions 1971.

<sup>2</sup> In the Dominion Bureau of Statistics report *Private and Public Investment in Canada* the total value of construction work performed is given as \$13,204 millions for 1969; \$13,621 millions for 1970 and \$15,211 millions for 1971. The differences with the values in this report are due to rounding procedures.

<sup>3</sup> Data for 1962-67 are not directly comparable with data published for years previous to 1961 due to minor revisions in the mining and residential sectors.

**TABLE B. Capital and Repair Expenditures — Summary by Sectors, Canada, 1969-71<sup>1,2,3,4,5,6,7</sup>**

Type of enterprise		Capital expenditures			Repair expenditures			Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Total
		millions of dollars								
Agriculture and fishing <sup>5</sup> .....	1969	249	730	979	96	228	324	345	958	1,303
	1970	227	636	863	90	231	321	317	867	1,184
	1971	231	681	912	91	237	328	322	918	1,240
Forestry .....	1969	52	54	106	16	60	76	68	114	182
	1970	49	43	92	15	65	80	64	108	172
	1971	52	47	99	16	69	85	68	116	184
Mining, quarrying and oil wells <sup>3,5</sup> .....	1969	888	289	1,177	120	244	364	1,008	533	1,541
	1970	906	321	1,227	117	313	430	1,023	634	1,657
	1971	1,159	404	1,563	119	323	442	1,278	727	2,005
Manufacturing .....	1969	772	1,828	2,600	205	1,101	1,306	977	2,929	3,906
	1970	989	2,173	3,162	201	1,147	1,348	1,190	3,320	4,510
	1971	888	2,096	2,984	209	1,199	1,408	1,097	3,295	4,392
Utilities <sup>4</sup> .....	1969	1,719	1,586	3,305	353	760	1,113	2,072	2,346	4,418
	1970	1,962	1,626	3,588	355	797	1,152	2,317	2,423	4,740
	1971	2,346	1,686	4,032	388	867	1,255	2,734	2,553	5,287
Construction industry .....	1969	14	250	264	6	215	221	20	465	485
	1970	15	250	265	6	215	221	21	465	486
	1971	15	260	275	7	220	227	22	480	502
Housing .....	1969	3,384	—	3,384	844	—	844	4,228	—	4,228
	1970	3,077	—	3,077	858	—	858	3,935	—	3,935
	1971	3,806	—	3,806	884	—	884	4,690	—	4,690
Trade — Wholesale and retail .....	1969	197	313	510	66	70	136	263	383	646
	1970	203	319	522	67	63	130	270	382	652
	1971	189	311	500	60	62	122	249	373	622
Finance, insurance and real estate .....	1969	404	122	526	38	13	51	442	135	577
	1970	423	141	564	43	13	56	466	154	620
	1971	422	143	565	44	13	57	466	156	622
Commercial services .....	1969	103	517	620	27	85	112	130	602	732
	1970	128	499	627	23	90	113	151	589	740
	1971	137	544	681	22	93	115	159	637	796
Institutional services .....	1969	1,134	209	1,343	104	29	133	1,238	238	1,476
	1970	1,146	222	1,368	111	29	140	1,257	251	1,508
	1971	1,116	227	1,343	124	30	154	1,240	257	1,497
Government departments <sup>4,6</sup> .....	1969	1,908	205	2,113	505	78	583	2,413	283	2,696
	1970	2,086	199	2,285	524	88	612	2,610	287	2,897
	1971	2,317	244	2,561	569	91	660	2,886	335	3,221
Totals <sup>7</sup> .....	1969	10,824	6,103	16,927	2,380	2,883	5,263	13,204	8,986	22,190
	1970	11,211	6,429	17,640	2,410	3,051	5,461	13,621	9,480	23,101
	1971	12,678	6,643	19,321	2,533	3,204	5,737	15,211	9,847	25,058

<sup>1</sup> Actual expenditures 1969, preliminary 1970, intentions 1971.

<sup>2</sup> Table from *Private and Public Investment in Canada, Outlook 1971*.

<sup>3</sup> Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration expenditures by mining companies in production, those preparing for production, and exploration companies.

<sup>4</sup> Beginning 1969 the outlays by municipal water systems, previously included with Utilities, are included with Municipal Government Departments.

<sup>5</sup> See footnotes 3 and 4, Table 10.

<sup>6</sup> Total for Government Departments include data for departmental Crown corporations and exclude data for proprietary Crown corporations which are all classified as Enterprises. Agency Crown corporations, on the other hand, are provisionally classified in part to Enterprises and the remainder to Government Departments.

<sup>7</sup> See footnote 2, Table A.



**TABLE 1. Total Value of Construction Work Performed—Current and Constant Dollars by New and Repair, 1962-71<sup>1,2</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Expenditure	
	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars
	millions of dollars						per cent	
1962 .....	5,834	5,777	1,509	1,504	7,343	7,281	17.3	17.4
1963 .....	6,156	5,936	1,559	1,518	7,715	7,454	17.0	16.9
1964 .....	7,032	6,617	1,630	1,564	8,662	8,181	17.4	17.4
1965 .....	8,175	7,254	1,754	1,531	9,929	8,785	18.1	17.5
1966 .....	9,281	7,744	1,954	1,587	11,235	9,331	18.3	17.4
1967 .....	9,474	7,873	2,146	1,721	11,620	9,594	17.7	17.3
1968 .....	9,909	7,982	2,305	1,825	12,214	9,807	17.1	16.8
1969 .....	10,825	8,305	2,382	1,770	13,207	10,075	16.8	16.5
1970 .....	11,211	8,320	2,412	1,680	13,623	10,000	16.1	15.8
1971 .....	12,681		2,534		15,215			

<sup>1</sup> Actual 1962-69, preliminary 1970, intentions 1971.

<sup>2</sup> See footnote 3, Table A.

**TABLE 2. Total Value of Construction Work Performed—Contractors and Others<sup>2</sup> by New and Repair, 1967-71<sup>1,3</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1967 .....	8,075	1,170	9,245	1,399	976	2,375	9,474	2,146	11,620
1968 .....	8,675	1,260	9,935	1,234	1,045	2,279	9,909	2,305	12,214
1969 .....	9,134	1,387	10,521	1,691	995	2,686	10,825	2,382	13,207
1970 .....	9,476	1,413	10,889	1,735	999	2,734	11,211	2,412	13,623
1971 .....	10,499	1,465	11,964	2,182	1,069	3,251	12,681	2,534	15,215

<sup>1</sup> Actual 1967-69, preliminary 1970, intentions 1971.

<sup>2</sup> Represents work done by labour forces of utilities, government departments and other employers not primarily engaged in the construction industry. Beginning 1969 materials supplied free of charge to contractors by owners of projects (previously included in contract construction) are included in other construction.

<sup>3</sup> See footnote 3, Table A.

**TABLE 3. Total Value of Construction Work Performed—Principal Type of Construction, 1967-71<sup>1,2,3</sup>**

Type of construction	1967		1968		1969		1970		1971	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction</b> .....	<b>11,620</b>	<b>100.0</b>	<b>12,214</b>	<b>100.0</b>	<b>13,207</b>	<b>100.0</b>	<b>13,623</b>	<b>100.0</b>	<b>15,215</b>	<b>100.0</b>
<b>Total building construction</b> .....	<b>6,852</b>	<b>59.0</b>	<b>7,258</b>	<b>59.4</b>	<b>8,055</b>	<b>61.0</b>	<b>8,038</b>	<b>59.0</b>	<b>8,827</b>	<b>58.0</b>
Residential .....	3,091	26.6	3,587	29.3	4,228	32.0	3,935	28.9	4,690	30.8
Industrial .....	870	7.5	744	6.1	869	6.6	996	7.3	1,007	6.6
Commercial .....	1,221	10.5	1,146	9.4	1,152	8.7	1,262	9.3	1,269	8.4
Institutional .....	1,258	10.8	1,379	11.3	1,334	10.1	1,346	9.9	1,327	8.7
Other building .....	412	3.6	402	3.3	472	3.6	499	3.6	534	3.5
<b>Total engineering</b> .....	<b>4,768</b>	<b>41.0</b>	<b>4,956</b>	<b>40.6</b>	<b>5,152</b>	<b>39.0</b>	<b>5,585</b>	<b>41.0</b>	<b>6,388</b>	<b>42.0</b>
Marine .....	143	1.2	134	1.1	166	1.3	145	1.1	171	1.1
Road highway and aerodrome construction .....	1,283	11.1	1,186	9.7	1,255	9.5	1,348	9.9	1,439	9.5
Waterworks and sewage systems .....	385	3.3	403	3.3	398	3.0	470	3.4	556	3.7
Dams and irrigation .....	163	1.4	230	1.9	69	0.5	64	0.5	78	0.5
Electric power construction .....	859	7.4	825	6.7	1,005	7.6	1,099	8.1	1,213	8.0
Railway, telephone and telegraph construction .....	516	4.4	524	4.3	525	4.0	562	4.1	595	3.9
Gas and oil facilities .....	742	6.4	901	7.4	966	7.3	1,099	8.1	1,342	8.8
Other engineering construction .....	677	5.8	753	6.2	768	5.8	798	5.8	994	6.5

<sup>1</sup> Actual 1967-69, preliminary 1970, intentions 1971.

<sup>2</sup> See footnote 3, Table A.

<sup>3</sup> See footnotes 3 and 4, Table 10.



**TABLE 4. Total Value of Construction Work Performed — Principal Type of Construction by Industry, 1969 - 71<sup>1,2,3</sup>**

Industry	1969			1970			1971		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals</b> .....	<b>8,055,462</b>	<b>5,151,947</b>	<b>13,207,409</b>	<b>8,038,093</b>	<b>5,584,802</b>	<b>13,622,895</b>	<b>8,827,239</b>	<b>6,387,923</b>	<b>15,215,162</b>
Agriculture and fishing <sup>3</sup> .....	224,499	121,140	345,639	205,608	110,980	316,588	208,944	112,776	321,720
Forestry .....	9,676	58,448	68,124	7,442	56,796	64,238	6,904	61,281	68,185
Mining, quarrying and oil wells <sup>2,3</sup> .....	201,498	806,902	1,008,400	149,352	873,622	1,022,974	265,315	1,013,357	1,278,672
Construction .....	19,637	363	20,000	20,627	373	21,000	21,594	406	22,000
Manufacturing .....	682,112	295,360	977,472	830,978	360,610	1,191,588	732,422	366,100	1,098,522
Utilities .....	214,146	1,858,018	2,072,164	260,936	2,055,829	2,316,765	246,171	2,488,576	2,734,747
Trade — Wholesale and retail .....	251,108	12,531	263,639	258,523	11,163	269,686	238,124	11,077	249,201
Finance, insurance and real estate .....	433,276	8,319	441,595	458,703	6,945	465,648	456,603	10,029	466,632
Commercial services .....	130,016	775	130,791	149,136	1,936	151,072	157,878	772	158,650
Housing .....	4,227,857	—	4,227,857	3,935,378	—	3,935,378	4,690,026	—	4,690,026
Institutional services .....	1,228,013	10,314	1,238,327	1,241,749	15,740	1,257,489	1,227,304	12,958	1,240,262
Government departments .....	433,624	1,979,777	2,413,401	519,661	2,090,808	2,610,469	575,954	2,310,591	2,886,545

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnote 3, Table B.

<sup>3</sup> See footnotes 3 and 4, Table 10.

**TABLE 5. Total Value of Construction Work Performed — Dollar and Percentage Variation by Principal Type of Construction by Industry, 1969 - 71<sup>1,2,3</sup>**

Industry	Variation 1969 to 1970						Variation 1970 to 1971					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals</b> .....	<b>- 18</b>	<b>- 0.2</b>	<b>433</b>	<b>8.4</b>	<b>415</b>	<b>3.1</b>	<b>789</b>	<b>9.8</b>	<b>803</b>	<b>14.4</b>	<b>1,592</b>	<b>11.7</b>
Agriculture and fishing <sup>3</sup> .....	- 19	- 8.4	- 10	- 8.4	- 29	- 8.4	3	1.6	2	1.6	5	1.6
Forestry .....	- 2	- 23.1	- 2	- 2.8	- 4	- 5.7	—	- 7.2	4	7.9	4	6.1
Mining, quarrying and oil wells <sup>2,3</sup> .....	- 52	- 25.9	67	8.3	15	1.4	116	77.6	140	16.0	256	25.0
Construction .....	1	5.0	—	2.8	1	5.0	1	4.7	—	8.8	1	4.8
Manufacturing .....	149	21.8	65	22.1	214	21.9	- 98	- 11.9	5	1.5	- 93	- 7.8
Utilities .....	47	21.9	198	10.6	245	11.8	- 15	- 5.7	433	21.0	418	18.0
Trade — Wholesale and retail .....	7	3.0	- 1	- 10.9	6	2.3	- 20	- 7.9	—	- 0.8	- 20	- 7.6
Finance, insurance and real estate .....	25	5.9	- 1	- 16.5	24	5.4	- 2	- 0.5	3	44.4	1	0.2
Commercial services .....	19	14.7	1	149.8	20	15.5	8	5.9	- 1	- 60.1	7	5.0
Housing .....	- 293	- 6.9	—	—	- 293	- 6.9	754	19.2	—	—	754	19.2
Institutional services .....	14	1.1	5	52.6	19	1.5	- 14	- 1.2	- 3	- 17.7	- 17	- 1.4
Government departments .....	86	19.8	111	5.6	197	8.2	56	10.8	220	10.5	276	10.6

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnote 3, Table B.

<sup>3</sup> See footnotes 3 and 4, Table 10.

**TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1967-71<sup>1,2,3,4,5,6</sup>**

Type of structure	1967	1968	1969	1970	1971
thousands of dollars					
<b>Total value of construction .....</b>	<b>11, 620, 029</b>	<b>12, 213, 655</b>	<b>13, 207, 409</b>	<b>13, 622, 895</b>	<b>15, 215, 162</b>
<b>Total building construction .....</b>	<b>6, 851, 680</b>	<b>7, 257, 649</b>	<b>8, 055, 462</b>	<b>8, 038, 093</b>	<b>8, 827, 239</b>
<b>Residential .....</b>	<b>3, 090, 700</b>	<b>3, 586, 757</b>	<b>4, 227, 857</b>	<b>3, 935, 378</b>	<b>4, 690, 026</b>
<b>Industrial .....</b>	<b>869, 820</b>	<b>743, 761</b>	<b>869, 135</b>	<b>995, 947</b>	<b>1, 007, 114</b>
2. Factories, plants, workshops, food canneries .....	692, 815	576, 926	689, 510	838, 850	764, 057
3. Mine and mine mill buildings .....	136, 662	134, 204	142, 194	120, 809	203, 100
4. Railway stations, offices, roadway buildings .....	27, 912	20, 093	22, 366	21, 032	23, 118
5. Railway shops, engine houses, water and fuel stations .....	12, 431	12, 538	15, 065	15, 256	16, 839
<b>Commercial .....</b>	<b>1, 221, 282</b>	<b>1, 145, 898</b>	<b>1, 151, 841</b>	<b>1, 262, 367</b>	<b>1, 268, 748</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	114, 664	141, 483	111, 791	86, 911	96, 478
7. Grain elevators .....	46, 026	17, 137	13, 113	7, 404	8, 875
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	95, 290	78, 626	77, 628	89, 966	134, 707
9. Office buildings .....	479, 029	489, 016	511, 997	606, 005	578, 681
10. Stores, retail and wholesale .....	266, 626	232, 982	261, 046	256, 927	232, 181
11. Garages and service stations <sup>2</sup> .....	80, 252	86, 354	97, 190	109, 677	114, 569
12. Theatres, arenas, amusement and recreational buildings .....	136, 273	96, 120	76, 507	102, 257	99, 637
13. Laundries and dry cleaning establishments .....	3, 122	4, 170	2, 569	3, 220	3, 620
<b>Institutional .....</b>	<b>1, 257, 989</b>	<b>1, 379, 264</b>	<b>1, 334, 534</b>	<b>1, 345, 882</b>	<b>1, 326, 988</b>
14. Schools and other educational buildings .....	903, 595	983, 410	961, 464	917, 021	887, 237
15. Churches and other religious buildings .....	50, 163	42, 695	30, 903	25, 435	17, 296
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	224, 631	243, 319	235, 906	276, 080	290, 885
17. Other institutional buildings .....	79, 600	109, 840	106, 261	127, 346	131, 570
<b>Other building construction .....</b>	<b>411, 889</b>	<b>401, 979</b>	<b>472, 095</b>	<b>498, 519</b>	<b>534, 363</b>
18. Farm buildings (excluding dwellings) .....	235, 286	229, 508	229, 287	207, 338	211, 160
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	38, 459	43, 232	63, 123	57, 717	56, 224
20. Aeroplane hangars .....	5, 538	16, 221	15, 718	26, 258	10, 683
21. Passenger terminals, bus, boat or air .....	23, 287	13, 295	8, 210	57, 261	99, 652
22. Armouries, barracks, drill halls, etc. <sup>2</sup> .....	12, 986	11, 551	8, 070	7, 925	7, 801
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	23, 398	19, 965	20, 372	17, 212	15, 700
24. Laboratories <sup>3</sup> .....	—	—	25, 688	35, 899	44, 202
25. Other building construction <sup>2,3</sup> .....	72, 935	68, 207	101, 627	88, 909	88, 941
<b>Total engineering construction .....</b>	<b>4, 768, 349</b>	<b>4, 956, 006</b>	<b>5, 151, 947</b>	<b>5, 584, 802</b>	<b>6, 387, 923</b>
<b>Marine construction .....</b>	<b>142, 448</b>	<b>134, 250</b>	<b>165, 374</b>	<b>144, 668</b>	<b>171, 374</b>
26. Docks, wharves, piers, breakwaters .....	75, 656	64, 723	73, 949	60, 644	74, 934
27. Retaining walls, embankments, riprapping .....	16, 636	18, 235	37, 021	31, 093	35, 127
28. Canals and waterways .....	23, 639	34, 766	35, 482	27, 044	29, 466
29. Dredging and pile driving <sup>2</sup> .....	11, 746	5, 518	9, 378	9, 332	12, 687
30. Dyke construction .....	4, 051	2, 430	4, 359	9, 557	10, 325
31. Logging booms .....	1, 146	954	1, 202	1, 200	1, 418
32. Other marine construction .....	9, 574	7, 624	3, 983	5, 798	7, 417

See footnote(s) at end of table.

TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1967-71<sup>1,2,3,4,5,6</sup> - Concluded

Type of structure	1967	1968	1969	1970	1971
	thousands of dollars				
<b>Road, highway and aerodrome construction</b> .....	<b>1,282,884</b>	<b>1,185,408</b>	<b>1,255,257</b>	<b>1,348,325</b>	<b>1,438,929</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) <sup>5</sup> .....	1,246,415	1,150,005	1,210,268	1,276,164	1,329,133
34. Parking lots <sup>2,5</sup> .....	—	—	8,566	11,004	9,166
36. Sidewalks, paths.....	22,652	24,040	20,639	25,254	25,100
37. Aerodromes, landing fields, runways, tarmac.....	13,817	11,363	15,784	35,903	75,530
<b>Waterworks and sewage systems</b> .....	<b>385,380</b>	<b>403,370</b>	<b>397,796</b>	<b>469,947</b>	<b>556,084</b>
38. Tile drains, drainage ditches, storm sewers.....	43,488	43,525	44,070	37,726	41,881
39. Water mains, hydrants and services.....	135,807	123,529	110,955	131,308	143,751
40. Sewage systems and connections.....	171,953	201,457	208,799	265,083	321,986
41. Pumping stations, water.....	27,949	28,814	26,442	29,092	40,648
42. Water storage tanks.....	6,183	6,045	7,530	6,738	7,818
<b>Dams and irrigation</b> .....	<b>163,283</b>	<b>230,084</b>	<b>68,696</b>	<b>63,779</b>	<b>78,206</b>
43. Dams and reservoirs <sup>4</sup> .....	129,770	197,060	34,521	28,516	37,115
44. Irrigation and land reclamation projects.....	33,513	33,024	34,175	35,263	41,091
<b>Electric power construction</b> .....	<b>859,371</b>	<b>825,257</b>	<b>1,005,123</b>	<b>1,099,099</b>	<b>1,212,519</b>
45. Electric power generating plants, including water conveying and controlling structures.....	476,628	371,811	530,788	480,776	543,254
46. Electric transformer stations.....	44,212	49,552	44,916	76,547	112,805
47. Power transmission and distribution lines, trolley wires.....	308,840	376,916	402,416	511,437	523,320
48. Street lighting.....	29,691	26,978	27,003	30,339	33,140
<b>Railway, telephone and telegraph</b> .....	<b>515,431</b>	<b>524,161</b>	<b>525,305</b>	<b>561,988</b>	<b>594,925</b>
49. Railway tracks and roadbed <sup>2</sup> .....	265,392	251,004	244,795	266,138	277,571
50. Signals and interlockers.....	22,899	22,175	25,127	23,869	27,239
51. Telegraph and telephone lines, underground and marine cables.....	227,140	250,982	255,383	271,981	290,115
<b>Gas and oil facilities</b> .....	<b>742,129</b>	<b>900,751</b>	<b>965,993</b>	<b>1,098,634</b>	<b>1,341,594</b>
52. Gas mains and services.....	53,504	94,029	121,575	123,099	176,422
53. Pumping stations, oil.....	6,804	10,619	7,833	9,600	37,151
54. Pumping stations, gas.....	10,788	33,724	25,688	52,696	31,070
55. Oil storage tanks.....	16,620	15,966	21,004	36,258	28,061
56. Gas storage tanks.....	3,190	7,038	7,885	4,614	3,951
57. Oil pipe lines <sup>2</sup> .....	71,705	45,635	38,836	23,234	22,818
58. Gas pipe lines <sup>2</sup> .....	72,521	101,600	84,961	88,265	135,769
59. Oil and gas wells <sup>2,6</sup> .....	317,431	362,461	443,169	405,206	457,137
61. Oil refinery - Processing units <sup>2</sup> .....	114,410	148,875	129,549	168,089	253,104
62. Natural gas cleaning plants.....	75,156	80,804	85,493	187,573	196,111
<b>Other engineering construction</b> .....	<b>677,423</b>	<b>752,725</b>	<b>768,403</b>	<b>798,362</b>	<b>994,292</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	192,906	228,085	216,303	200,353	242,963
64. Tunnels and subways.....	63,864	21,226	23,385	41,921	49,824
65. Incinerators.....	274	299	135	3,750	3,444
66. Park systems, landscaping, sodding, etc.....	23,077	21,939	31,339	27,466	31,419
67. Swimming pools, tennis courts, outdoor recreation facilities.....	7,984	2,918	2,248	16,935	22,949
68. Mine shafts and other below surface workings.....	165,659	191,066	216,431	218,705	232,053
69. Fences, snowsheds, signs, guard rails.....	47,965	46,209	47,314	44,396	45,193
70. Other engineering construction <sup>2</sup> .....	175,694	240,983	231,248	244,836	366,447

<sup>1</sup> Actual 1967-69, preliminary 1970, intentions 1971.

<sup>2</sup> "Other building" and "other engineering construction" items 25 and 70 respectively, contain structures which could not be published in their specific categories due to the secrecy provisions of the Statistics act.

<sup>3</sup> Effective 1969 a new classification, 24, "laboratories", has been separated. This structure classification was previously included in item 25, "other building construction".

<sup>4</sup> "Electric power dams", previously grouped in item 43 are effective 1969 included in 45, "electric power generating plants".

<sup>5</sup> "Highway, road and street construction" previously items 32, 33, 34 and 35 have effective 1969 been grouped in one item, 33, except for "parking lots" which are now separated under item number 34. Previous to 1969, "parking lots" were divided among items 32, 33 and 34.

<sup>6</sup> "Oil wells" and "gas wells" previously items 59 and 60 are effective 1969 combined in one item, 59, "oil and gas wells".



**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used  
by Province, 1969 - 71<sup>1,2,3</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number <sup>3</sup>	Value		
		thousands of dollars		
Canada:				
1969 .....	600,693	4,641,599	5,916,484	13,207,409
1970 .....	561,869	4,802,640	6,044,299	13,622,895
1971 .....	567,978	5,342,921	6,769,771	15,215,162
Newfoundland:				
1969 .....	16,038	109,166	140,818	324,341
1970 .....	18,209	149,895	193,649	440,809
1971 .....	18,711	171,534	226,402	507,653
Prince Edward Island:				
1969 .....	2,364	10,655	15,088	34,422
1970 .....	2,133	13,294	18,763	43,433
1971 .....	2,348	16,209	23,468	52,907
Nova Scotia:				
1969 .....	24,077	161,249	224,847	475,388
1970 .....	21,542	160,906	221,037	471,723
1971 .....	19,791	162,137	227,542	477,287
New Brunswick:				
1969 .....	16,992	101,095	136,686	286,731
1970 .....	17,957	113,228	153,924	326,688
1971 .....	17,533	122,022	170,349	358,435
Quebec:				
1969 .....	136,816	982,178	1,205,647	2,695,564
1970 .....	127,481	996,788	1,215,852	2,741,546
1971 .....	132,031	1,136,767	1,392,589	3,140,757
Ontario:				
1969 .....	207,998	1,650,972	2,119,482	4,643,221
1970 .....	196,938	1,761,021	2,231,472	4,912,272
1971 .....	200,102	1,958,643	2,486,744	5,480,735
Manitoba:				
1969 .....	33,314	265,165	328,571	753,603
1970 .....	30,442	248,249	308,558	701,983
1971 .....	28,364	253,487	321,559	723,911
Saskatchewan:				
1969 .....	26,288	193,574	267,626	589,994
1970 .....	20,478	159,449	214,419	480,004
1971 .....	20,707	177,805	242,640	537,510
Alberta:				
1969 .....	66,444	530,872	682,296	1,607,587
1970 .....	62,297	565,100	695,781	1,697,943
1971 .....	57,047	569,164	715,248	1,725,857
British Columbia: <sup>2</sup>				
1969 .....	70,362	636,673	795,423	1,796,558
1970 .....	64,392	634,710	790,844	1,806,494
1971 .....	71,344	775,153	963,230	2,210,110

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> British Columbia includes Northwest Territories and Yukon.

<sup>3</sup> Number of employees is given in equivalent man-years.

TABLE 8. Total Value of Work Performed—Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1969 - 71<sup>1,2,3</sup>

Employer and year	Labour content		Cost of materials used	Value of work performed
	Number <sup>3</sup>	Value		
		thousands of dollars		
Total.				
1969 .....	600,693	4,641,599	5,916,484	13,207,409
1970 .....	561,869	4,802,640	6,044,299	13,622,895
1971 .....	567,978	5,342,921	6,769,771	15,215,162
Contractors:				
1969 .....	458,112	3,604,895	4,726,663	10,520,829
1970 .....	429,532	3,745,419	4,840,560	10,888,471
1971 .....	426,389	4,087,076	5,330,347	11,964,406
Utilities: <sup>2</sup>				
1969 .....	52,596	424,158	584,070	1,170,862
1970 .....	47,439	421,730	568,335	1,150,844
1971 .....	54,504	533,732	711,133	1,447,543
Governments <sup>2</sup>				
1969 .....	57,498	376,089	284,285	829,004
1970 .....	53,771	384,843	302,097	858,342
1971 .....	54,111	427,958	337,140	955,363
Miscellaneous: <sup>2,4</sup>				
1969 .....	32,487	236,457	321,466	686,714
1970 .....	31,127	250,648	333,307	725,238
1971 .....	32,974	294,155	391,151	847,850

<sup>1</sup> Actual 1969, preliminary 1970, intention 1971.

<sup>2</sup> See footnote 2, Table 2.

<sup>3</sup> Number of employees is given in equivalent man-years.

<sup>4</sup> "Miscellaneous" consists of construction work done by other employers not primarily engaged in the construction industry, i.e. the construction labor forces of Primary Industries (except construction) Manufacturing Industries and Trade, Finance, Commercial, Residential and Institutional Services.

TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1969-71<sup>1,2,3</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>10,825,184</b>	<b>2,382,225</b>	<b>13,207,409</b>	<b>11,211,325</b>	<b>2,411,570</b>	<b>13,622,895</b>	<b>12,680,682</b>	<b>2,534,480</b>	<b>15,215,162</b>
<b>Total building construction .....</b>	<b>6,591,634</b>	<b>1,463,828</b>	<b>8,055,462</b>	<b>6,562,586</b>	<b>1,475,507</b>	<b>8,038,093</b>	<b>7,305,584</b>	<b>1,521,655</b>	<b>8,827,239</b>
<b>Residential .....</b>	<b>3,383,872</b>	<b>843,985</b>	<b>4,227,857</b>	<b>3,077,202</b>	<b>858,176</b>	<b>3,935,378</b>	<b>3,806,100</b>	<b>883,926</b>	<b>4,690,026</b>
<b>Industrial .....</b>	<b>680,052</b>	<b>189,083</b>	<b>869,135</b>	<b>813,874</b>	<b>182,073</b>	<b>995,947</b>	<b>819,206</b>	<b>187,908</b>	<b>1,007,114</b>
2. Factories, plants, workshops, food canneries .....	545,811	143,699	689,510	697,934	140,916	838,850	619,768	144,289	764,057
3. Mine and mine mill buildings .....	116,425	25,769	142,194	98,518	22,291	120,809	180,244	22,856	203,100
4. Railway stations, offices, roadway buildings .....	10,606	11,760	22,366	10,510	10,522	21,032	11,699	11,419	23,118
5. Railway shops, engine houses, water and fuel stations .....	7,210	7,855	15,065	6,912	8,344	15,256	7,495	9,344	16,839
<b>Commercial .....</b>	<b>954,402</b>	<b>197,439</b>	<b>1,151,841</b>	<b>1,060,189</b>	<b>202,178</b>	<b>1,262,367</b>	<b>1,064,968</b>	<b>203,780</b>	<b>1,268,748</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	90,230	21,561	111,791	68,225	18,686	86,911	75,724	20,754	96,478
7. Grain elevators .....	7,831	5,282	13,113	3,240	4,164	7,404	4,237	4,638	8,875
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	58,309	19,319	77,628	72,556	17,410	89,966	116,239	18,468	134,707
9. Office buildings .....	444,227	67,770	511,997	535,705	70,300	606,005	502,941	75,740	578,681
10. Stores, retail and wholesale .....	209,300	51,746	261,046	211,683	45,244	256,927	193,825	38,356	232,181
11. Garages and service stations <sup>3</sup> .....	77,729	19,461	97,190	83,196	26,481	109,677	88,453	26,116	114,569
12. Theatres, arenas, amusement and recreational buildings .....	65,347	11,160	76,507	83,604	18,653	102,257	80,996	18,641	99,637
13. Laundries and dry cleaning establishments .....	1,429	1,140	2,569	1,980	1,240	3,220	2,553	1,067	3,620
<b>Institutional .....</b>	<b>1,212,407</b>	<b>122,127</b>	<b>1,334,534</b>	<b>1,221,793</b>	<b>124,089</b>	<b>1,345,882</b>	<b>1,189,597</b>	<b>137,391</b>	<b>1,326,988</b>
14. Schools and other educational buildings .....	893,604	67,860	961,464	849,164	67,857	917,021	807,307	79,930	887,237
15. Churches and other religious buildings .....	23,250	7,653	30,903	18,532	6,903	25,435	11,573	5,723	17,296
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	204,988	30,918	235,906	237,835	38,245	276,080	250,218	40,667	290,885
17. Other institutional buildings .....	90,565	15,696	106,261	116,262	11,084	127,346	120,499	11,071	131,570
<b>Other building construction .....</b>	<b>360,901</b>	<b>111,194</b>	<b>472,095</b>	<b>389,528</b>	<b>108,991</b>	<b>498,519</b>	<b>425,713</b>	<b>108,650</b>	<b>534,363</b>
18. Farm buildings (excluding dwellings) ....	166,041	63,246	229,287	148,920	58,418	207,338	151,898	59,262	211,160
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	54,364	8,759	63,123	52,600	5,117	57,717	51,482	4,742	56,224
20. Aeroplane hangars .....	12,059	3,659	15,718	24,297	1,961	26,258	8,686	1,997	10,683
21. Passenger terminals, bus, boat or air .....	7,356	854	8,210	54,609	2,652	57,261	96,001	3,651	99,652
22. Armouries, barracks, drill halls, etc. ....	2,314	5,756	8,070	2,504	5,421	7,925	2,334	5,467	7,801
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	16,273	4,099	20,372	13,961	3,251	17,212	12,391	3,309	15,700
24. Laboratories .....	22,611	3,077	25,688	32,616	3,283	35,899	40,674	3,528	44,202
25. Other building construction <sup>3</sup> .....	79,883	21,744	101,627	60,021	28,888	88,909	62,247	26,694	88,941
<b>Total engineering construction .....</b>	<b>4,233,550</b>	<b>918,397</b>	<b>5,151,947</b>	<b>4,648,739</b>	<b>936,063</b>	<b>5,584,802</b>	<b>5,375,098</b>	<b>1,012,825</b>	<b>6,387,923</b>
<b>Marine construction .....</b>	<b>133,590</b>	<b>31,784</b>	<b>165,374</b>	<b>116,313</b>	<b>28,355</b>	<b>144,668</b>	<b>141,141</b>	<b>30,233</b>	<b>171,374</b>
26. Docks, wharves, piers, breakwaters .....	64,622	9,327	73,949	52,882	7,762	60,644	66,911	8,023	74,934
27. Retaining walls, embankments, riprapping .....	21,517	15,504	37,021	19,086	12,007	31,093	21,829	13,298	35,127
28. Canals and waterways .....	33,664	1,818	35,482	25,468	1,576	27,044	28,108	1,358	29,466
29. Dredging and pile driving <sup>3</sup> .....	5,892	3,486	9,378	6,773	2,559	9,332	10,031	2,656	12,687
30. Dyke construction .....	3,645	714	4,359	8,489	1,068	9,557	9,641	684	10,325
31. Logging booms .....	585	617	1,202	524	676	1,200	789	629	1,418
32. Other marine construction <sup>3</sup> .....	3,665	318	3,983	3,091	2,707	5,798	3,832	3,585	7,417

See footnote(s) at end of table.



TABLE 9. Total Value of Construction Work Performed— Type of Structure and by New and Repair— Canada, 1969-71<sup>1,2,3</sup>— Concluded

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road highway and aerodrome construction .....</b>	<b>972, 408</b>	<b>282, 849</b>	<b>1, 255, 257</b>	<b>1, 043, 060</b>	<b>305, 265</b>	<b>1, 348, 325</b>	<b>1, 103, 754</b>	<b>335, 175</b>	<b>1, 438, 929</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	940, 701	269, 567	1, 210, 268	985, 899	290, 265	1, 276, 164	1, 010, 074	319, 059	1, 329, 133
34. Parking lots <sup>3</sup> .....	6, 585	1, 981	8, 566	8, 580	2, 424	11, 004	6, 569	2, 597	9, 166
36. Sidewalks, paths .....	13, 774	6, 865	20, 639	16, 806	8, 448	25, 254	15, 792	9, 308	25, 100
37. Aerodromes, landing fields, runways, tarmac .....	11, 348	4, 436	15, 784	31, 775	4, 128	35, 903	71, 319	4, 211	75, 530
<b>Waterworks and sewage systems .....</b>	<b>328, 995</b>	<b>68, 801</b>	<b>397, 796</b>	<b>394, 731</b>	<b>75, 216</b>	<b>469, 947</b>	<b>477, 920</b>	<b>78, 164</b>	<b>556, 084</b>
38. Tile drains, drainage ditches, storm sewers .....	33, 162	10, 908	44, 070	28, 258	9, 468	37, 726	32, 014	9, 867	41, 881
39. Water mains, hydrants and services .....	83, 209	27, 746	110, 955	99, 529	31, 779	131, 308	112, 037	31, 714	143, 751
40. Sewage systems and connections .....	185, 753	23, 046	208, 799	238, 202	26, 881	265, 083	292, 223	29, 763	321, 986
41. Pumping stations, water .....	20, 651	5, 791	26, 442	23, 296	5, 796	29, 092	35, 030	5, 618	40, 648
42. Water storage tanks .....	6, 220	1, 310	7, 530	5, 446	1, 292	6, 738	6, 616	1, 202	7, 818
<b>Dams and irrigation .....</b>	<b>57, 065</b>	<b>11, 631</b>	<b>68, 696</b>	<b>52, 457</b>	<b>11, 322</b>	<b>63, 779</b>	<b>66, 362</b>	<b>11, 844</b>	<b>78, 206</b>
43. Dams and reservoirs <sup>3</sup> .....	32, 086	2, 435	34, 521	26, 002	2, 514	28, 516	34, 619	2, 496	37, 115
44. Irrigation and land reclamation projects .....	24, 979	9, 196	34, 175	26, 455	8, 808	35, 263	31, 743	9, 348	41, 091
<b>Electric power construction .....</b>	<b>909, 736</b>	<b>95, 387</b>	<b>1, 005, 123</b>	<b>1, 000, 277</b>	<b>98, 822</b>	<b>1, 099, 099</b>	<b>1, 102, 944</b>	<b>109, 575</b>	<b>1, 212, 519</b>
45. Electric power generating plants, including water conveying and controlling structures .....	505, 724	25, 064	530, 788	451, 192	29, 584	480, 776	509, 284	33, 970	543, 254
46. Electric transformer stations .....	37, 234	7, 682	44, 916	71, 056	5, 491	76, 547	107, 341	5, 464	112, 805
47. Power transmission and distribution lines, trolley wires .....	346, 124	56, 292	402, 416	455, 651	55, 786	511, 437	462, 218	61, 102	523, 320
48. Street lighting .....	20, 654	6, 349	27, 003	22, 378	7, 961	30, 339	24, 101	9, 039	33, 140
<b>Railway, telephone and telegraph .....</b>	<b>344, 865</b>	<b>180, 440</b>	<b>525, 305</b>	<b>376, 514</b>	<b>185, 474</b>	<b>561, 988</b>	<b>393, 294</b>	<b>201, 631</b>	<b>594, 925</b>
49. Railway tracks and roadbed <sup>3</sup> .....	129, 708	115, 087	244, 795	151, 382	114, 756	266, 138	154, 240	123, 331	277, 571
50. Signals and interlockers .....	11, 279	13, 848	25, 127	9, 554	14, 315	23, 869	11, 692	15, 547	27, 239
51. Telegraph and telephone lines, underground and marine cables .....	203, 878	51, 505	255, 383	215, 578	56, 403	271, 981	227, 362	62, 753	290, 115
<b>Gas and oil facilities .....</b>	<b>822, 221</b>	<b>143, 772</b>	<b>965, 993</b>	<b>957, 361</b>	<b>141, 273</b>	<b>1, 098, 634</b>	<b>1, 189, 301</b>	<b>152, 293</b>	<b>1, 341, 594</b>
52. Gas mains and services .....	113, 119	8, 456	121, 575	114, 903	8, 196	123, 099	167, 897	8, 525	176, 422
53. Pumping stations, oil .....	6, 152	1, 681	7, 833	7, 143	2, 457	9, 600	34, 497	2, 654	37, 151
54. Pumping stations, gas .....	25, 303	385	25, 688	51, 533	1, 163	52, 696	30, 143	927	31, 070
55. Oil storage tanks .....	18, 064	2, 940	21, 004	33, 444	2, 814	36, 258	24, 816	3, 245	28, 061
56. Gas storage tanks .....	7, 329	556	7, 885	4, 537	77	4, 614	3, 875	76	3, 951
57. Oil pipe lines <sup>3</sup> .....	33, 882	4, 954	38, 836	19, 157	4, 077	23, 234	18, 708	4, 110	22, 818
58. Gas pipe lines <sup>3</sup> .....	82, 021	2, 940	84, 961	85, 325	2, 940	88, 265	132, 185	3, 584	135, 769
59. Oil and gas wells <sup>3</sup> .....	390, 651	52, 518	443, 169	361, 139	44, 067	405, 206	408, 916	48, 221	457, 137
61. Oil refinery—Processing units <sup>3</sup> .....	82, 002	47, 547	129, 549	119, 391	48, 698	168, 089	200, 536	52, 568	253, 104
62. Natural gas cleaning plants .....	63, 698	21, 795	85, 493	160, 789	26, 784	187, 573	167, 728	28, 383	196, 111
<b>Other engineering construction .....</b>	<b>664, 670</b>	<b>103, 733</b>	<b>768, 403</b>	<b>708, 026</b>	<b>90, 336</b>	<b>798, 362</b>	<b>900, 382</b>	<b>93, 910</b>	<b>994, 292</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	187, 641	28, 662	216, 303	171, 902	28, 451	200, 353	210, 501	32, 462	242, 963
64. Tunnels and subways .....	21, 955	1, 430	23, 385	41, 320	601	41, 921	49, 066	758	49, 824
65. Incinerators .....	81	54	135	2, 828	922	3, 750	2, 514	930	3, 444
66. Park systems, landscaping, sodding, etc. ....	26, 010	5, 329	31, 339	21, 352	6, 114	27, 466	25, 346	6, 073	31, 419
67. Swimming pools, tennis courts, outdoor recreation facilities .....	1, 360	888	2, 248	14, 856	2, 079	16, 935	21, 075	1, 874	22, 949
68. Mine shafts and other below surface workings ....	209, 574	6, 857	216, 431	216, 121	2, 584	218, 705	229, 544	2, 509	232, 053
69. Fences, snowsheds, signs, guard rails .....	30, 127	17, 187	47, 314	30, 289	14, 107	44, 396	30, 324	14, 869	45, 193
70. Other engineering construction <sup>3</sup> .....	187, 922	43, 326	231, 248	209, 358	35, 478	244, 836	332, 012	34, 435	366, 447

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes, Table 6.

<sup>3</sup> See footnote 2, Table 6.

**TABLE 10. Total Value of Construction Work Performed – New and Repair by Type of Structure by Primary Industries, 1969 - 71<sup>1, 2, 3, 4, 5, 6</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1, 203, 640</b>	<b>238, 523</b>	<b>1, 442, 163</b>	<b>1, 198, 227</b>	<b>226, 573</b>	<b>1, 424, 800</b>	<b>1, 457, 587</b>	<b>232, 990</b>	<b>1, 690, 577</b>
<b>Total building construction .....</b>	<b>353, 291</b>	<b>102, 019</b>	<b>455, 310</b>	<b>289, 854</b>	<b>93, 175</b>	<b>383, 029</b>	<b>407, 041</b>	<b>95, 716</b>	<b>502, 757</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>126, 814</b>	<b>29, 810</b>	<b>156, 624</b>	<b>109, 486</b>	<b>26, 279</b>	<b>135, 765</b>	<b>209, 928</b>	<b>27, 343</b>	<b>237, 271</b>
2. Factories, plants, workshops, food canneries ....	10, 811	4, 154	14, 965	11, 731	4, 046	15, 777	30, 465	4, 548	35, 013
3. Mine and mine mill buildings .....	116, 003	25, 656	141, 659	97, 755	22, 233	119, 988	179, 463	22, 795	202, 258
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>20, 221</b>	<b>5, 506</b>	<b>25, 727</b>	<b>15, 567</b>	<b>5, 380</b>	<b>20, 947</b>	<b>19, 634</b>	<b>6, 168</b>	<b>25, 802</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4, 840	1, 816	6, 656	5, 157	1, 834	6, 991	7, 271	2, 080	9, 351
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	5	5	—	2	2	—	1	1
9. Office buildings .....	9, 226	2, 322	11, 548	5, 611	2, 273	7, 884	6, 634	2, 649	9, 283
10. Stores, retail and wholesale .....	—	6	6	—	—	—	—	—	—
11. Garages and service stations .....	5, 498	1, 171	6, 669	4, 354	1, 143	5, 497	5, 070	1, 291	6, 361
12. Theatres, arenas, amusement and recreational buildings .....	657	186	843	445	128	573	659	147	806
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional .....</b>	<b>586</b>	<b>181</b>	<b>767</b>	<b>497</b>	<b>131</b>	<b>628</b>	<b>243</b>	<b>154</b>	<b>397</b>
14. Schools and other educational buildings .....	369	157	526	300	110	410	25	130	155
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	217	24	241	197	21	218	218	24	242
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>205, 670</b>	<b>66, 522</b>	<b>272, 192</b>	<b>164, 304</b>	<b>61, 385</b>	<b>225, 689</b>	<b>177, 236</b>	<b>62, 051</b>	<b>239, 287</b>
18. Farm buildings (excluding dwellings) .....	161, 442	62, 495	223, 937	147, 156	57, 857	205, 013	149, 693	58, 655	208, 348
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	6	39	45	78	41	119	12	39	51
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	10, 216	3, 500	13, 716	8, 221	2, 667	10, 888	10, 520	2, 820	13, 340
24. Laboratories .....	—	—	—	—	—	—	—	—	—
25. Other building construction .....	34, 006	488	34, 494	8, 849	820	9, 669	17, 011	537	17, 548
<b>Total engineering construction .....</b>	<b>850, 349</b>	<b>136, 504</b>	<b>986, 853</b>	<b>908, 373</b>	<b>133, 398</b>	<b>1, 041, 771</b>	<b>1, 050, 546</b>	<b>137, 274</b>	<b>1, 187, 820</b>
<b>Marine construction .....</b>	<b>15, 138</b>	<b>1, 636</b>	<b>16, 774</b>	<b>3, 246</b>	<b>1, 285</b>	<b>4, 531</b>	<b>9, 459</b>	<b>1, 398</b>	<b>10, 857</b>
26. Docks, wharves, piers, breakwaters .....	13, 883	1, 003	14, 886	2, 684	614	3, 298	8, 336	585	8, 921
27. Retaining walls, embankments, riprapping .....	15	—	15	18	1	19	—	1	1
28. Canals and waterways .....	15	84	99	69	62	131	101	94	195
29. Dredging and pile driving .....	455	117	572	15	102	117	51	145	196
30. Dyke construction .....	—	9	9	—	10	10	—	11	11
31. Logging booms .....	569	332	901	459	485	944	789	553	1, 342
32. Other marine construction .....	201	91	292	1	11	12	182	9	191

See footnote(s) at end of table.



**TABLE 10. Total Value of Construction Work Performed—New and Repair by Type of Structure by Primary Industries 1969-71<sup>1,2,3,4,5,6</sup>—Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>54, 106</b>	<b>14, 262</b>	<b>68, 368</b>	<b>52, 391</b>	<b>13, 657</b>	<b>66, 048</b>	<b>65, 861</b>	<b>14, 991</b>	<b>80, 852</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	54, 058	14, 254	68, 312	52, 357	13, 568	65, 925	65, 799	14, 915	80, 714
34. Parking lots .....	44	3	47	31	83	114	56	70	126
36. Sidewalks, paths .....	—	—	—	3	1	4	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	4	5	9	—	5	5	6	6	12
<b>Waterworks and sewage systems .....</b>	<b>44, 849</b>	<b>15, 208</b>	<b>60, 057</b>	<b>38, 349</b>	<b>14, 119</b>	<b>52, 468</b>	<b>44, 981</b>	<b>14, 340</b>	<b>59, 321</b>
38. Tile drains, drainage ditches, storm sewers .....	17, 546	6, 753	24, 299	15, 967	6, 255	22, 222	16, 391	6, 341	22, 732
39. Water mains, hydrants and services .....	20, 361	7, 113	27, 474	18, 046	6, 605	24, 651	20, 756	6, 711	27, 467
40. Sewage systems and connections .....	537	48	585	508	51	559	632	53	685
41. Pumping stations, water .....	2, 943	244	3, 187	1, 169	235	1, 404	3, 674	245	3, 919
42. Water storage tanks .....	3, 462	1, 050	4, 512	2, 659	973	3, 632	3, 528	990	4, 518
<b>Dams and irrigation .....</b>	<b>19, 881</b>	<b>7, 726</b>	<b>27, 607</b>	<b>18, 135</b>	<b>7, 176</b>	<b>25, 311</b>	<b>18, 452</b>	<b>7, 272</b>	<b>25, 724</b>
43. Dams and reservoirs .....	11	36	47	24	55	79	28	55	83
44. Irrigation and land reclamation projects .....	19, 870	7, 690	27, 560	18, 111	7, 121	25, 232	18, 424	7, 217	25, 641
<b>Electric power construction .....</b>	<b>6, 956</b>	<b>542</b>	<b>7, 498</b>	<b>6, 043</b>	<b>1, 655</b>	<b>7, 698</b>	<b>13, 875</b>	<b>1, 487</b>	<b>15, 362</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2, 422	230	2, 652	3, 423	1, 343	4, 766	4, 304	1, 166	5, 470
46. Electric transformer stations .....	5	—	5	2	7	9	—	4	4
47. Power transmission and distribution lines, trolley wires .....	4, 529	312	4, 841	2, 618	305	2, 923	9, 571	317	9, 888
48. Street lighting .....	—	—	—	—	—	—	—	—	—
<b>Railway, telephone and telegraph .....</b>	<b>2, 940</b>	<b>2, 577</b>	<b>5, 517</b>	<b>1, 248</b>	<b>1, 141</b>	<b>2, 389</b>	<b>679</b>	<b>1, 178</b>	<b>1, 857</b>
49. Railway tracks and roadbed <sup>5</sup> .....	2, 909	2, 474	5, 383	1, 221	1, 097	2, 318	662	1, 158	1, 820
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	31	103	134	27	44	71	17	20	37
<b>Gas and oil facilities .....</b>	<b>451, 260</b>	<b>73, 479</b>	<b>524, 739</b>	<b>521, 358</b>	<b>70, 700</b>	<b>592, 058</b>	<b>575, 766</b>	<b>76, 424</b>	<b>652, 190</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	—	—	—	—	—	—	28	—	28
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells <sup>4,5</sup> .....	389, 939	52, 483	442, 422	360, 592	43, 916	404, 508	408, 106	48, 041	456, 147
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants <sup>4</sup> .....	61, 321	20, 996	82, 317	160, 766	26, 784	187, 550	167, 632	28, 383	196, 015
<b>Other engineering construction .....</b>	<b>255, 219</b>	<b>21, 074</b>	<b>276, 293</b>	<b>267, 603</b>	<b>23, 665</b>	<b>291, 268</b>	<b>321, 473</b>	<b>20, 184</b>	<b>341, 657</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1, 274	402	1, 676	1, 133	204	1, 337	942	180	1, 122
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	3	—	3
66. Park systems, landscaping, sodding, etc. ....	1	10	11	120	7	127	7	6	13
67. Swimming pools, tennis courts, outdoor recreation facilities .....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	209, 574	6, 856	216, 430	216, 121	2, 569	218, 690	229, 544	2, 489	232, 033
69. Fences, snowsheds, signs, guard rails .....	24, 863	9, 631	34, 494	22, 645	8, 917	31, 562	23, 032	9, 044	32, 076
70. Other engineering construction <sup>5</sup> .....	19, 507	4, 175	23, 682	27, 584	11, 968	39, 552	67, 945	8, 465	76, 410

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes, Table 6.

<sup>3</sup> Due to a change in methodology to derive construction expenditures in Agriculture the published figures are not comparable with total construction volume data published for years prior to 1961, and with types of structure published for years prior to 1963.

<sup>4</sup> The use of a special survey questionnaire for petroleum and gas wells and for natural gas processing plants resulted in re-allocations of structure data after 1964.

<sup>5</sup> See footnote 2, Table 6.

<sup>6</sup> Primary industries include agriculture, fishing, mining, quarrying, oil wells, forestry, and the construction industry.



**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>772,482</b>	<b>204,990</b>	<b>977,472</b>	<b>989,316</b>	<b>202,272</b>	<b>1,191,588</b>	<b>888,311</b>	<b>210,211</b>	<b>1,098,522</b>
<b>Total building construction .....</b>	<b>549,729</b>	<b>132,383</b>	<b>682,112</b>	<b>700,030</b>	<b>130,948</b>	<b>830,978</b>	<b>598,391</b>	<b>134,031</b>	<b>732,422</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>497,586</b>	<b>126,636</b>	<b>624,222</b>	<b>657,388</b>	<b>125,816</b>	<b>783,204</b>	<b>560,048</b>	<b>128,724</b>	<b>688,772</b>
2. Factories, plants, workshops, food canneries .....	496,992	126,512	623,504	656,187	125,747	781,934	558,998	128,652	687,650
3. Mine and mine mill buildings .....	422	113	535	763	58	821	781	61	842
4. Railway stations, offices, roadway buildings .....	140	1	141	27	—	27	10	—	10
5. Railway shops, engine houses, water and fuel stations .....	32	10	42	411	11	422	259	11	270
<b>Commercial .....</b>	<b>47,004</b>	<b>4,290</b>	<b>51,294</b>	<b>40,622</b>	<b>4,327</b>	<b>44,949</b>	<b>35,420</b>	<b>4,514</b>	<b>39,934</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,499	1,441	21,940	13,748	1,375	15,123	16,863	1,423	18,286
7. Grain elevators .....	9	8	17	15	18	33	—	23	23
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	130	72	202	26	52	78	3	50	53
9. Office buildings .....	19,617	2,655	22,272	20,908	2,708	23,616	10,928	2,891	13,819
10. Stores, retail and wholesale .....	2,244	48	2,292	1,683	115	1,798	1,090	61	1,151
11. Garages and service stations .....	4,103	60	4,163	4,197	56	4,253	6,476	55	6,531
12. Theatres, arenas, amusement and recreational buildings .....	402	6	408	31	3	34	59	11	70
13. Laundries and dry cleaning establishments .....	—	—	—	14	—	14	1	—	1
<b>Institutional .....</b>	<b>14</b>	<b>69</b>	<b>83</b>	<b>—</b>	<b>76</b>	<b>76</b>	<b>—</b>	<b>12</b>	<b>12</b>
14. Schools and other educational buildings .....	—	44	44	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	14	15	29	—	76	76	—	12	12
17. Other institutional buildings .....	—	10	10	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>5,125</b>	<b>1,388</b>	<b>6,513</b>	<b>2,020</b>	<b>729</b>	<b>2,749</b>	<b>2,923</b>	<b>781</b>	<b>3,704</b>
18. Farm buildings (excluding dwellings) .....	208	86	294	330	89	419	677	90	767
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	124	579	703	395	251	646	50	297	347
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	20	30	50
22. Armouries, barracks, drill halls, etc. ....	—	4	4	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,774	454	3,228	932	279	1,211	97	248	345
24. Laboratories .....	311	74	385	203	92	295	1,671	93	1,764
25. Other building construction .....	1,708	191	1,899	160	18	178	408	23	431
<b>Total engineering construction .....</b>	<b>222,753</b>	<b>72,607</b>	<b>295,360</b>	<b>289,286</b>	<b>71,324</b>	<b>360,610</b>	<b>289,920</b>	<b>76,180</b>	<b>366,100</b>
<b>Marine construction .....</b>	<b>2,549</b>	<b>2,170</b>	<b>4,719</b>	<b>11,520</b>	<b>1,364</b>	<b>12,884</b>	<b>11,375</b>	<b>1,268</b>	<b>12,643</b>
26. Docks, wharves, piers, breakwaters .....	2,144	1,108	3,252	10,428	706	11,134	11,266	799	12,065
27. Retaining walls, embankments, riprapping .....	204	26	230	243	28	271	21	12	33
28. Canals and waterways .....	—	32	32	—	—	—	—	—	—
29. Dredging and pile driving <sup>3</sup> .....	30	615	645	98	415	513	72	375	447
30. Dyke construction .....	65	42	107	244	—	244	16	—	16
31. Logging booms .....	16	285	301	65	191	256	—	76	76
32. Other marine construction .....	90	62	152	442	24	466	—	6	6

See footnote(s) at end of table.

**TABLE 11. Total Value of Construction Work Performed — New and Repair by Type of Structure by  
Manufacturing Industry, 1969 - 71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>12,592</b>	<b>3,433</b>	<b>16,025</b>	<b>15,484</b>	<b>3,063</b>	<b>18,547</b>	<b>6,691</b>	<b>3,555</b>	<b>10,246</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	10,622	2,969	13,591	13,815	2,751	16,566	5,600	3,046	8,646
34. Parking lots .....	1,900	438	2,338	1,565	281	1,846	996	498	1,494
36. Sidewalks, paths .....	57	23	80	64	29	93	35	11	46
37. Aerodromes, landing fields, runways, tarmac .....	13	3	16	40	2	42	60	—	60
<b>Waterworks and sewage systems .....</b>	<b>10,747</b>	<b>2,190</b>	<b>12,937</b>	<b>15,475</b>	<b>1,823</b>	<b>17,298</b>	<b>16,010</b>	<b>1,820</b>	<b>17,830</b>
38. Tile drains, drainage ditches, storm sewers .....	1,554	94	1,648	1,026	76	1,102	2,353	109	2,462
39. Water mains, hydrants and services .....	1,941	460	2,401	1,582	530	2,112	1,185	488	1,673
40. Sewage systems and connections .....	4,566	771	5,337	10,823	592	11,415	11,830	720	12,550
41. Pumping stations, water .....	1,123	770	1,893	1,418	520	1,938	435	422	857
42. Water storage tanks .....	1,563	95	1,658	626	105	731	207	81	288
<b>Dams and irrigation .....</b>	<b>767</b>	<b>244</b>	<b>1,011</b>	<b>51</b>	<b>128</b>	<b>179</b>	<b>25</b>	<b>99</b>	<b>124</b>
43. Dams and reservoirs .....	767	244	1,011	51	128	179	25	99	124
44. Irrigation and land reclamation projects <sup>2</sup> .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>11,078</b>	<b>3,167</b>	<b>14,245</b>	<b>16,353</b>	<b>2,361</b>	<b>18,714</b>	<b>8,196</b>	<b>2,479</b>	<b>10,675</b>
45. Electric power generating plants, including water conveying and controlling structures .....	2,857	1,483	4,340	4,786	1,323	6,109	3,323	1,262	4,585
46. Electric transformer stations .....	3,473	357	3,830	8,305	329	8,634	4,283	493	4,776
47. Power transmission and distribution lines, trolley wires .....	4,717	1,266	5,983	3,006	629	3,635	479	605	1,084
48. Street lighting .....	31	61	92	256	80	336	111	119	230
<b>Railway, telephone and telegraph .....</b>	<b>1,208</b>	<b>1,518</b>	<b>2,726</b>	<b>1,987</b>	<b>1,364</b>	<b>3,351</b>	<b>1,008</b>	<b>1,199</b>	<b>2,207</b>
49. Railway tracks and roadbed .....	1,163	1,483	2,646	1,813	1,342	3,155	975	1,161	2,136
50. Signals and interlockers .....	1	—	1	—	—	—	23	—	23
51. Telegraph and telephone lines, underground and marine cables .....	44	35	79	174	22	196	10	38	48
<b>Gas and oil facilities .....</b>	<b>94,622</b>	<b>50,003</b>	<b>144,625</b>	<b>146,241</b>	<b>51,415</b>	<b>197,656</b>	<b>216,467</b>	<b>56,479</b>	<b>272,946</b>
52. Gas mains and services .....	350	247	597	332	150	482	2,028	242	2,270
53. Pumping stations, oil .....	36	10	46	—	23	23	15	12	27
54. Pumping stations, gas .....	54	1	55	7	34	41	—	37	37
55. Oil storage tanks .....	10,550	1,785	12,335	25,245	1,742	26,987	12,818	2,128	14,946
56. Gas storage tanks .....	723	219	942	57	12	69	95	2	97
57. Oil pipe lines <sup>3</sup> .....	797	122	919	1,062	223	1,285	427	307	734
58. Gas pipe lines .....	110	72	182	177	434	611	548	1,055	1,603
59. Oil and gas wells <sup>3</sup> .....	—	—	—	—	104	104	—	133	133
61. Oil refinery — Processing units <sup>3</sup> .....	82,002	47,547	129,549	119,361	48,693	168,054	200,536	52,563	253,099
62. Natural gas cleaning plants <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>89,190</b>	<b>9,882</b>	<b>99,072</b>	<b>82,175</b>	<b>9,806</b>	<b>91,981</b>	<b>30,148</b>	<b>9,281</b>	<b>39,429</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,409	82	1,491	1,758	3,880	5,638	515	3,682	4,197
64. Tunnels and subways .....	210	1	211	1	2	3	—	2	2
65. Incinerators .....	—	4	4	8	33	41	191	11	202
66. Park systems, landscaping, sodding, etc. ....	60	280	340	110	181	291	164	236	400
67. Swimming pools, tennis courts, outdoor recreation facilities ..	46	38	84	28	10	38	—	14	14
68. Mine shafts and other below surface workings .....	—	1	1	—	15	15	—	20	20
69. Fences, snowsheds, signs, guard rails .....	844	576	1,420	291	112	403	378	108	486
70. Other engineering construction <sup>3</sup> .....	86,621	8,900	95,521	79,979	5,573	85,552	28,900	5,208	34,108

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.<sup>2</sup> See footnotes, Table 6.<sup>3</sup> See footnote 2, Table 6.

TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1969-71<sup>1,2,3,4</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b>	<b>1,719,164</b>	<b>353,000</b>	<b>2,072,164</b>	<b>1,961,281</b>	<b>355,484</b>	<b>2,316,765</b>	<b>2,346,435</b>	<b>388,312</b>	<b>2,734,747</b>
<b>Total building construction</b>	<b>159,916</b>	<b>54,230</b>	<b>214,146</b>	<b>211,075</b>	<b>49,861</b>	<b>260,936</b>	<b>193,000</b>	<b>53,171</b>	<b>246,171</b>
<b>Residential</b>	—	—	—	—	—	—	—	—	—
<b>Industrial</b>	<b>20,773</b>	<b>20,455</b>	<b>41,228</b>	<b>24,311</b>	<b>20,941</b>	<b>45,252</b>	<b>26,222</b>	<b>22,863</b>	<b>49,085</b>
2. Factories, plants, workshops, food canneries	3,129	851	3,980	7,327	2,086	9,413	7,297	2,111	9,408
3. Mine and mine mill buildings	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings	10,466	11,759	22,225	10,483	10,522	21,005	11,689	11,419	23,108
5. Railway shops, engine houses, water and fuel stations	7,178	7,845	15,023	6,501	8,333	14,834	7,236	9,333	16,569
<b>Commercial</b>	<b>48,898</b>	<b>14,953</b>	<b>63,851</b>	<b>74,544</b>	<b>11,739</b>	<b>86,283</b>	<b>71,977</b>	<b>13,082</b>	<b>85,059</b>
6. Warehouses, storehouses, refrigerated storage, etc.	19,318	5,004	24,322	14,824	4,945	19,769	13,474	5,275	18,749
7. Grain elevators	7,822	5,274	13,096	3,225	4,146	7,371	4,237	4,615	8,852
8. Hotels, clubs, restaurants, cafeterias, tourist cabins	17	21	38	5	21	26	—	23	23
9. Office buildings	15,829	2,423	18,252	53,676	1,883	55,559	47,342	1,780	49,122
10. Stores, retail and wholesale	183	45	228	100	20	120	226	38	264
11. Garages and service stations	5,716	2,116	7,832	2,681	689	3,370	6,638	1,326	7,964
12. Theatres, arenas, amusement and recreational buildings	13	70	83	33	35	68	60	25	85
13. Laundries and dry cleaning establishments	—	—	—	—	—	—	—	—	—
<b>Institutional</b>	<b>—</b>	<b>28</b>	<b>28</b>	<b>—</b>	<b>18</b>	<b>18</b>	<b>—</b>	<b>20</b>	<b>20</b>
14. Schools and other educational buildings	—	7	7	—	1	1	—	3	3
15. Churches and other religious buildings	—	2	2	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc.	—	19	19	—	17	17	—	17	17
17. Other institutional buildings	—	—	—	—	—	—	—	—	—
<b>Other building construction</b>	<b>90,245</b>	<b>18,794</b>	<b>109,039</b>	<b>112,220</b>	<b>17,163</b>	<b>129,383</b>	<b>94,801</b>	<b>17,206</b>	<b>112,007</b>
18. Farm buildings (excluding dwellings)	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges	53,580	8,534	62,114	51,618	4,897	56,515	50,644	4,510	55,154
20. Aeroplane hangars	11,278	1,521	12,799	23,029	214	23,243	7,064	187	7,251
21. Passenger terminals, bus, boat or air	5,407	654	6,061	18,251	2,459	20,710	14,110	3,440	17,550
22. Armouries, barracks, drill halls, etc.	—	63	63	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps	3,282	145	3,427	3,797	245	4,042	623	181	804
24. Laboratories	4,116	—	4,116	12,000	—	12,000	20,000	—	20,000
25. Other building construction	12,582	7,877	20,459	3,525	9,348	12,873	2,360	8,888	11,248
<b>Total engineering construction</b>	<b>1,559,248</b>	<b>298,770</b>	<b>1,858,018</b>	<b>1,750,206</b>	<b>305,623</b>	<b>2,055,829</b>	<b>2,153,435</b>	<b>335,141</b>	<b>2,488,576</b>
<b>Marine construction</b>	<b>50,128</b>	<b>4,808</b>	<b>54,936</b>	<b>27,192</b>	<b>4,596</b>	<b>31,788</b>	<b>42,467</b>	<b>5,867</b>	<b>48,334</b>
26. Docks, wharves, piers, breakwaters	26,524	3,021	29,545	15,438	2,770	18,208	24,364	3,559	27,923
27. Retaining walls, embankments, riprapping	2,356	283	2,639	200	10	210	200	—	202
28. Canals and waterways	19,727	953	20,680	9,943	838	10,781	11,217	540	11,757
29. Dredging and pile driving	707	512	1,219	606	275	881	4,000	241	4,241
30. Dyke construction	—	3	3	—	—	—	—	—	—
31. Logging booms	—	—	—	—	—	—	—	—	—
32. Other marine construction	814	36	850	1,005	703	1,708	2,686	1,525	4,211

See footnote(s) at end of table.



**TABLE 12. Total Value of Construction Work Performed - New and Repair by Type of Structure by Utilities, 1969 - 71<sup>1,2,3,4</sup> - Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousand of dollars									
<b>Road, highway and aerodrome construction</b> .....	<b>8,238</b>	<b>668</b>	<b>8,906</b>	<b>4,355</b>	<b>1,130</b>	<b>5,485</b>	<b>2,033</b>	<b>944</b>	<b>2,977</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	6,961	538	7,499	3,504	1,072	4,576	1,743	905	2,648
34. Parking lots <sup>4</sup> .....	533	87	620	591	57	648	290	34	324
36. Sidewalks, paths .....	—	24	24	2	—	2	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	744	19	763	258	1	259	—	5	5
<b>Waterworks<sup>3</sup> and sewage systems</b> .....	<b>9,837</b>	<b>492</b>	<b>10,329</b>	<b>38,649</b>	<b>499</b>	<b>39,148</b>	<b>46,115</b>	<b>579</b>	<b>46,694</b>
38. Tile drains, drainage ditches, storm sewers .....	3	7	10	78	30	108	27	31	58
39. Water mains, hydrants and services .....	4,334	372	4,706	8,216	308	8,524	8,958	294	9,252
40. Sewage systems and connections .....	3,566	40	3,606	25,425	4	25,429	30,995	59	31,054
41. Pumping stations, water .....	1,919	73	1,992	4,917	156	5,073	5,834	194	6,028
42. Water storage tanks .....	15	—	15	13	1	14	301	1	302
<b>Dams and irrigation</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>13</b>	<b>34</b>	<b>3</b>	<b>15</b>	<b>18</b>
43. Dams and reservoirs <sup>4</sup> .....	—	—	—	21	13	34	3	15	18
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction</b> .....	<b>795,255</b>	<b>85,973</b>	<b>881,228</b>	<b>907,962</b>	<b>86,894</b>	<b>994,856</b>	<b>1,038,604</b>	<b>97,643</b>	<b>1,136,247</b>
45. Electric power generating plants, including water conveying and controlling structures .....	478,846	21,908	500,754	440,351	25,604	465,955	499,034	30,202	529,236
46. Electric transformer stations .....	33,479	7,232	40,711	61,158	4,294	65,452	102,365	4,885	107,250
47. Power transmission and distribution lines, trolley wires .....	273,323	53,656	326,979	397,392	53,857	451,249	427,835	59,162	486,997
48. Street lighting .....	9,607	3,177	12,784	9,061	3,139	12,200	9,370	3,394	12,764
<b>Railway, telephone and telegraph</b> .....	<b>336,385</b>	<b>176,258</b>	<b>512,643</b>	<b>372,891</b>	<b>182,908</b>	<b>555,799</b>	<b>391,211</b>	<b>199,189</b>	<b>590,400</b>
49. Railway tracks and roadbed .....	123,099	111,130	234,229	148,325	112,316	260,641	152,528	121,004	273,532
50. Signals and interlockers .....	11,278	13,848	25,126	9,554	14,315	23,869	11,669	15,547	27,216
51. Telegraph and telephone lines, underground and marine cables .....	202,008	51,280	253,288	215,012	56,277	271,289	227,014	62,638	289,652
<b>Gas and oil facilities</b> .....	<b>269,388</b>	<b>18,456</b>	<b>287,844</b>	<b>282,932</b>	<b>18,247</b>	<b>301,179</b>	<b>389,866</b>	<b>18,452</b>	<b>408,318</b>
52. Gas mains and services .....	112,767	8,209	120,976	114,559	8,043	122,602	165,869	8,283	174,152
53. Pumping stations, oil .....	6,116	1,671	7,787	7,143	2,434	9,577	34,482	2,642	37,124
54. Pumping stations, gas .....	25,249	384	25,633	51,526	1,129	52,655	30,143	890	31,033
55. Oil storage tanks .....	1,322	304	1,626	1,713	164	1,877	4,976	179	5,155
56. Gas storage tanks .....	6,104	156	6,260	4,184	65	4,249	3,572	74	3,646
57. Oil pipe lines .....	32,941	4,829	37,770	18,095	3,854	21,949	18,281	3,803	22,084
58. Gas pipe lines <sup>4</sup> .....	81,894	2,868	84,762	85,112	2,506	87,618	131,637	2,529	134,166
59. Oil and gas wells .....	712	35	747	547	47	594	810	47	857
61. Oil refinery - Processing units .....	—	—	—	30	5	35	—	5	5
62. Natural gas cleaning plants .....	2,283	—	2,283	23	—	23	96	—	96
<b>Other engineering construction</b> .....	<b>90,017</b>	<b>12,115</b>	<b>102,132</b>	<b>116,204</b>	<b>11,336</b>	<b>127,540</b>	<b>243,136</b>	<b>12,452</b>	<b>255,588</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	22,707	8,701	31,408	17,312	8,665	25,977	13,186	9,305	22,491
64. Tunnels and subways .....	19,364	774	20,138	37,330	70	37,400	45,847	207	46,054
65. Incinerators .....	—	24	24	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	8	45	53	6	68	74	—	54	54
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	5	5	—	1	1	—	2	2
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,890	1,696	3,586	1,295	1,444	2,739	1,198	1,510	2,708
70. Other engineering construction <sup>4</sup> .....	46,048	870	46,918	60,261	1,088	61,349	182,905	1,374	184,279

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 4, Table B.

<sup>4</sup> See footnote 2, Table 6.

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>703,862</b>	<b>132,163</b>	<b>836,025</b>	<b>752,755</b>	<b>133,651</b>	<b>886,406</b>	<b>748,544</b>	<b>125,939</b>	<b>874,483</b>
<b>Total building construction .....</b>	<b>684,497</b>	<b>129,903</b>	<b>814,400</b>	<b>735,364</b>	<b>130,998</b>	<b>866,362</b>	<b>729,491</b>	<b>123,114</b>	<b>852,605</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>18,016</b>	<b>3,210</b>	<b>21,226</b>	<b>12,301</b>	<b>1,351</b>	<b>13,652</b>	<b>12,255</b>	<b>1,109</b>	<b>13,364</b>
2. Factories, plants, workshops, food canneries .....	18,016	3,210	21,226	12,301	1,351	13,652	12,255	1,109	13,364
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>657,191</b>	<b>126,187</b>	<b>783,378</b>	<b>709,772</b>	<b>129,185</b>	<b>838,957</b>	<b>708,935</b>	<b>121,565</b>	<b>830,500</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	40,707	7,998	48,705	23,635	5,730	29,365	26,659	5,485	32,144
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	56,513	17,134	73,647	70,738	15,295	86,033	113,434	16,426	129,860
9. Office buildings .....	276,550	29,096	305,646	312,502	34,419	346,921	297,259	35,777	333,036
10. Stores, retail and wholesale .....	204,116	50,819	254,935	209,767	44,948	254,715	192,373	38,091	230,464
11. Garages and service stations .....	52,427	14,291	66,718	60,332	22,621	82,953	53,674	21,100	74,774
12. Theatres, arenas, amusement and recreational buildings .....	25,454	5,725	31,179	30,839	4,955	35,794	22,984	3,642	26,626
13. Laundries and dry cleaning establishments .....	1,424	1,124	2,548	1,959	1,217	3,176	2,552	1,044	3,596
<b>Institutional .....</b>	<b>7,264</b>	<b>438</b>	<b>7,702</b>	<b>11,589</b>	<b>54</b>	<b>11,643</b>	<b>5,032</b>	<b>13</b>	<b>5,045</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	43	12	55	671	48	719	—	—	—
17. Other institutional buildings .....	7,221	426	7,647	10,918	6	10,924	5,032	13	5,045
<b>Other building construction .....</b>	<b>2,026</b>	<b>68</b>	<b>2,094</b>	<b>1,702</b>	<b>408</b>	<b>2,110</b>	<b>3,269</b>	<b>427</b>	<b>3,696</b>
18. Farm buildings (excluding dwellings) .....	7	9	16	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	—	—	—	51	2	53	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	1,010	60	1,070	1,150	60	1,210
24. Laboratories .....	1,956	59	2,015	537	301	838	1,278	309	1,587
25. Other building construction .....	63	—	63	104	45	149	841	58	899
<b>Total engineering construction .....</b>	<b>19,365</b>	<b>2,260</b>	<b>21,625</b>	<b>17,391</b>	<b>2,653</b>	<b>20,044</b>	<b>19,053</b>	<b>2,825</b>	<b>21,878</b>
<b>Marine construction .....</b>	<b>167</b>	<b>2</b>	<b>169</b>	<b>117</b>	<b>8</b>	<b>125</b>	<b>57</b>	<b>7</b>	<b>64</b>
26. Docks, wharves, piers, breakwaters .....	133	2	135	75	5	80	—	5	5
27. Retaining walls, embankments, riprapping .....	30	—	30	2	—	2	—	—	—
28. Canals and waterways .....	2	—	2	—	—	—	—	—	—
29. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
30. Dyke construction .....	2	—	2	40	3	43	46	2	48
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	—	—	—	—	—	—	11	—	11

See footnote(s) at end of table.

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1969-71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>5,535</b>	<b>1,111</b>	<b>6,646</b>	<b>4,789</b>	<b>1,236</b>	<b>6,025</b>	<b>5,016</b>	<b>1,350</b>	<b>6,366</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	3,470	198	3,668	3,018	323	3,341	4,136	414	4,550
34. Parking lots .....	2,021	913	2,934	1,589	902	2,491	699	924	1,623
36. Sidewalks, paths .....	44	—	44	182	11	193	72	4	76
37. Aerodromes, landing fields, runways, tarmac .....	—	—	—	—	—	—	109	8	117
<b>Waterworks and sewage systems .....</b>	<b>4,603</b>	<b>29</b>	<b>4,632</b>	<b>3,536</b>	<b>282</b>	<b>3,818</b>	<b>5,188</b>	<b>391</b>	<b>5,579</b>
38. Tile drains, drainage ditches, storm sewers .....	2,067	7	2,074	1,546	129	1,675	2,001	150	2,151
39. Water mains, hydrants and services .....	1,062	1	1,063	1,229	88	1,317	1,362	105	1,467
40. Sewage systems and connections .....	1,474	21	1,495	761	65	826	1,687	120	1,807
41. Pumping stations, water .....	—	—	—	—	—	—	138	16	154
42. Water storage tanks .....	—	—	—	—	—	—	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>14</b>
43. Dams and reservoirs <sup>3</sup> .....	—	—	—	—	—	—	—	14	14
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>315</b>	<b>1</b>	<b>316</b>	<b>314</b>	<b>29</b>	<b>343</b>	<b>194</b>	<b>11</b>	<b>205</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	—	—	—	—	—	8	—	8
46. Electric transformer stations .....	7	1	8	181	9	190	52	3	55
47. Power transmission and distribution lines, trolley wires .....	81	—	81	37	14	51	15	—	15
48. Street lighting .....	227	—	227	96	6	102	119	8	127
<b>Railway, telephone and telegraph .....</b>	<b>29</b>	<b>—</b>	<b>29</b>	<b>23</b>	<b>1</b>	<b>24</b>	<b>75</b>	<b>8</b>	<b>83</b>
49. Railway tracks and roadbed .....	29	—	29	23	1	24	75	8	83
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities .....</b>	<b>6,855</b>	<b>1,035</b>	<b>7,890</b>	<b>6,818</b>	<b>911</b>	<b>7,729</b>	<b>7,202</b>	<b>938</b>	<b>8,140</b>
52. Gas mains and services .....	—	—	—	—	3	3	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	6,192	851	7,043	6,486	908	7,394	6,994	938	7,932
56. Gas storage tanks .....	502	181	683	296	—	296	208	—	208
57. Oil pipe lines .....	144	3	147	—	—	—	—	—	—
58. Gas pipe lines .....	17	—	17	36	—	36	—	—	—
59. Oil and gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>1,861</b>	<b>82</b>	<b>1,943</b>	<b>1,794</b>	<b>186</b>	<b>1,980</b>	<b>1,321</b>	<b>106</b>	<b>1,427</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	22	—	22	—	—	—	—	—	—
64. Tunnels and subways .....	—	—	—	339	27	366	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	1,123	13	1,136	386	40	426	322	21	343
67. Swimming pools, tennis courts, outdoor recreation facilities .....	102	—	102	752	59	811	392	15	407
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	263	39	302	203	35	238	259	30	289
70. Other engineering construction <sup>3</sup> .....	351	30	381	114	25	139	348	40	388

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.



**TABLE 14. Total Value of Construction Work Performed—New and Repair by Type of Structure by Federal Government Departments, 1969-71<sup>1, 2, 3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>364, 118</b>	<b>103, 761</b>	<b>467, 879</b>	<b>398, 437</b>	<b>95, 760</b>	<b>494, 197</b>	<b>438, 466</b>	<b>99, 347</b>	<b>537, 813</b>
<b>Total building construction .....</b>	<b>161, 104</b>	<b>56, 639</b>	<b>217, 743</b>	<b>191, 389</b>	<b>53, 233</b>	<b>244, 622</b>	<b>231, 507</b>	<b>55, 392</b>	<b>286, 899</b>
2. Factories, plants, workshops, food canneries .....	10, 613	7, 682	18, 295	10, 388	7, 686	18, 074	10, 753	7, 869	18, 622
6. Warehouses, storehouses, refrigerated storage, etc. ....	2, 824	4, 093	6, 917	2, 951	3, 875	6, 826	3, 093	4, 005	7, 098
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	925	1, 946	2, 871	1, 070	1, 793	2, 863	925	1, 827	2, 752
9. Office buildings .....	71, 115	16, 377	87, 492	74, 362	15, 220	89, 582	74, 754	16, 090	90, 844
10. Stores, retail and wholesale .....	2, 596	166	2, 762	133	161	294	136	166	302
11. Garages and service stations .....	4, 323	987	5, 310	2, 927	931	3, 858	2, 595	927	3, 522
12. Theatres, arenas, amusement and recreational buildings .....	1, 358	1, 766	3, 124	1, 556	1, 597	3, 153	1, 343	1, 641	2, 984
14. Schools and other educational buildings .....	13, 294	2, 865	16, 159	14, 497	2, 496	16, 993	13, 120	2, 584	15, 704
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10, 544	2, 533	13, 077	5, 072	2, 372	7, 444	2, 683	2, 471	5, 154
17. Other institutional buildings .....	12, 726	540	13, 266	12, 989	497	13, 486	12, 810	505	13, 315
18. Farm buildings (excluding dwellings) .....	3, 088	425	3, 513	1, 222	404	1, 626	1, 305	424	1, 729
19. Broadcastings, radio and television, relay and booster stations, telephone exchanges .....	777	181	958	904	179	1, 083	826	193	1, 019
20. Aeroplane hangars .....	604	1, 533	2, 137	673	1, 486	2, 159	654	1, 505	2, 159
21. Passenger terminals, bus, boat or air .....	1, 949	200	2, 149	36, 358	193	36, 551	81, 871	181	82, 052
22. Armouries, barracks, drill halls, etc. ....	2, 314	5, 678	7, 992	2, 504	5, 421	7, 925	2, 334	5, 467	7, 801
24. Laboratories .....	15, 713	2, 806	18, 519	16, 939	2, 732	19, 671	15, 980	2, 963	18, 943
25. Other building construction .....	6, 341	6, 861	13, 202	6, 844	6, 190	13, 034	6, 325	6, 574	12, 899
<b>Total engineering construction .....</b>	<b>203, 014</b>	<b>47, 122</b>	<b>250, 136</b>	<b>207, 048</b>	<b>42, 527</b>	<b>249, 575</b>	<b>206, 959</b>	<b>43, 955</b>	<b>250, 914</b>
26. Docks, wharves, piers, breakwaters .....	20, 292	3, 206	23, 498	23, 290	2, 874	26, 164	19, 274	2, 967	22, 241
27. Retaining walls, embankments, riprapping .....	1, 283	229	1, 512	1, 549	216	1, 765	1, 392	223	1, 615
28. Canals and waterways .....	2, 302	709	3, 011	822	666	1, 488	800	714	1, 514
29. Dredging and pile driving .....	4, 695	2, 242	6, 937	6, 049	1, 757	7, 806	5, 898	1, 885	7, 783
30. Dyke construction .....	3, 127	660	3, 787	4, 980	649	5, 629	4, 822	615	5, 437
32. Other marine construction .....	831	125	956	869	114	983	774	118	892
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	23, 364	10, 889	34, 253	26, 591	8, 945	35, 536	23, 364	9, 535	32, 899
34. Parking lots .....	1, 479	415	1, 894	1, 648	390	2, 038	1, 547	408	1, 955
37. Aerodromes, landing fields, runways, tarmac .....	10, 360	4, 283	14, 643	31, 088	4, 054	35, 142	69, 679	4, 067	73, 746
38. Tile drains, drainage ditches, storm sewers .....	515	226	741	584	218	802	521	220	741
39. Water mains, hydrants and services .....	6, 783	1, 317	8, 100	7, 366	1, 271	8, 637	7, 019	1, 308	8, 327
40. Sewage systems and connections .....	2, 522	858	3, 380	2, 741	820	3, 561	2, 597	856	3, 453
43. Dams and reservoirs .....	10, 384	1, 724	12, 108	12, 466	1, 703	14, 169	10, 374	1, 705	12, 079
44. Irrigation and land reclamation projects .....	1, 249	1, 351	2, 600	1, 539	1, 394	2, 933	1, 275	1, 406	2, 681
45. Electric power generating plants, including water conveying and controlling structures .....	19, 581	1, 426	21, 007	1, 207	1, 310	2, 517	1, 233	1, 320	2, 553
46. Electric transformer stations .....	131	92	223	129	78	207	118	79	197
47. Power transmission and distribution lines, trolley wires .....	63, 058	1, 053	64, 111	52, 279	981	53, 260	23, 918	1, 018	24, 936
55. Oil storage tanks .....	—	—	—	—	—	—	—	—	—
63. Bridges, trestles, culverts, overpasses, viaducts .....	4, 776	645	5, 421	4, 729	572	5, 301	4, 935	602	5, 537
66. Park systems, landscaping, sodding, etc. ....	11, 153	1, 997	13, 150	10, 750	1, 982	12, 732	11, 642	2, 027	13, 669
67. Swimming pools, tennis courts, outdoor recreation facilities ....	767	373	1, 140	1, 153	360	1, 513	1, 091	369	1, 460
69. Fences, snowsheds, signs, guard rails .....	1, 614	278	1, 892	1, 680	265	1, 945	1, 357	268	1, 625
70. Other engineering construction .....	12, 748	13, 024	25, 772	13, 539	11, 908	25, 447	13, 329	12, 245	25, 574

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.<sup>2</sup> See footnotes Table 6.<sup>3</sup> See footnote 6, Table B.

**TABLE 15. Total Value of Construction Work Performed - New and Repair by Type of Structure by Provincial Government Departments, 1969-71<sup>1,2</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>875,317</b>	<b>245,371</b>	<b>1,120,688</b>	<b>941,376</b>	<b>243,038</b>	<b>1,184,414</b>	<b>1,023,755</b>	<b>264,356</b>	<b>1,288,111</b>
<b>Total building construction .....</b>	<b>84,032</b>	<b>32,330</b>	<b>116,362</b>	<b>116,106</b>	<b>24,588</b>	<b>140,694</b>	<b>117,919</b>	<b>27,016</b>	<b>144,935</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,042	1,209	3,251	7,910	927	8,837	8,364	2,486	10,850
9. Office buildings .....	36,453	12,012	48,465	51,283	9,239	60,522	51,185	11,915	63,100
10. Stores, retail and wholesale .....	161	659	820	—	—	—	—	—	—
17. Other institutional buildings .....	25,008	10,079	35,087	21,770	4,054	25,824	28,319	4,336	32,655
24. Laboratories .....	515	138	653	2,937	158	3,095	1,745	186	1,931
25. Other building construction .....	19,853	8,233	28,086	32,206	10,210	42,416	28,306	8,093	36,399
<b>Total engineering construction .....</b>	<b>791,285</b>	<b>213,041</b>	<b>1,004,326</b>	<b>825,270</b>	<b>218,450</b>	<b>1,043,720</b>	<b>905,836</b>	<b>237,340</b>	<b>1,143,176</b>
26. Docks, wharves, piers, breakwaters .....	1,646	987	2,633	891	668	1,559	1,256	87	1,343
27. Retaining walls, embankments, riprapping .....	12,715	14,966	27,681	13,047	11,715	24,762	14,483	13,006	27,489
32. Other marine construction .....	1,729	4	1,733	16,431	2,225	18,656	18,951	1,983	20,934
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	607,489	166,727	774,216	632,994	177,197	810,191	661,355	190,391	851,746
34. Parking lots .....	87	117	204	980	688	1,668	1,196	640	1,836
38. Tile drains, drainage ditches, storm sewers .....	10,152	3,742	13,894	8,656	2,760	11,416	9,605	3,016	12,621
39. Water mains, hydrants and services .....	1,909	52	1,961	6,355	1,344	7,699	7,653	1,544	9,197
40. Sewage systems and connections .....	296	7	303	3,857	50	3,907	6,639	50	6,689
43. Dams and reservoirs .....	9,839	69	9,908	2,800	210	3,010	6,515	240	6,755
44. Irrigation and land reclamation projects .....	3,858	145	4,003	6,735	293	7,028	12,020	725	12,745
47. Power transmission and distribution lines, trolley wires ....	142	—	142	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	1,478	24	1,502	33	2	35	11	2	13
63. Bridges, trestles, culverts, overpasses, viaducts .....	110,921	16,769	127,690	103,860	12,269	116,129	130,082	15,181	145,263
66. Park systems, landscaping, sodding, etc. ....	5,755	1,957	7,712	8,250	3,644	11,894	10,989	3,516	14,505
67. Swimming pools, tennis courts, outdoor recreation facilities	104	78	182	392	106	498	791	121	912
69. Fences, snowsheds, signs, guard rails .....	633	4,967	5,600	4,146	3,334	7,480	4,090	3,909	7,999
70. Other engineering construction .....	22,532	2,430	24,962	15,843	1,945	17,788	20,200	2,929	23,129

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

**TABLE 16. Total Value of Construction Work Performed—New and Repair by Type of Structure by Municipal Government Departments, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>668,505</b>	<b>156,329</b>	<b>824,834</b>	<b>746,366</b>	<b>185,492</b>	<b>931,858</b>	<b>854,896</b>	<b>205,725</b>	<b>1,060,621</b>
<b>Total building construction .....</b>	<b>91,043</b>	<b>8,476</b>	<b>99,519</b>	<b>110,698</b>	<b>23,647</b>	<b>134,345</b>	<b>118,193</b>	<b>25,927</b>	<b>144,120</b>
9. Office buildings .....	15,437	2,853	18,290	17,363	4,558	21,921	14,839	4,638	19,477
12. Theatres, arenas, amusement and recreational buildings .....	32,027	2,884	34,911	44,814	11,221	56,035	53,156	12,438	65,594
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	10,007	792	10,799	13,892	658	14,550	8,778	818	9,596
17. Other institutional buildings .....	11,253	933	12,186	16,360	2,952	19,312	17,092	3,201	20,293
24. Laboratories .....	—	—	—	—	—	—	—	—	—
25. Other building construction .....	22,319	1,014	23,333	18,269	4,258	22,527	24,328	4,832	29,160
<b>Total engineering construction .....</b>	<b>577,462</b>	<b>147,853</b>	<b>725,315</b>	<b>635,668</b>	<b>161,845</b>	<b>797,513</b>	<b>736,703</b>	<b>179,798</b>	<b>916,501</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	231,811	73,971	305,782	249,293	86,366	335,659	246,316	99,808	346,124
34. Parking lots .....	—	—	—	—	—	—	—	—	—
36. Sidewalks, paths .....	13,014	6,636	19,650	15,816	8,200	24,016	14,854	9,070	23,924
40. Sewage systems and connections <sup>3</sup> .....	234,431	42,975	277,406	267,657	50,376	318,033	328,064	52,575	380,639
48. Street lighting .....	5,550	1,897	7,447	7,222	3,695	10,917	8,403	4,391	12,794
63. Bridges, trestles, culverts, overpasses, viaducts .....	46,532	2,063	48,595	43,110	2,861	45,971	60,841	3,512	64,353
70. Other engineering construction .....	46,124	20,311	66,435	52,570	10,347	62,917	78,225	10,442	88,667

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 4, Table B.

**TABLE 17. Total Value of Construction Work Performed—New and Repair by Residential and Institutional Services, 1969-71<sup>1,2</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential:</b>									
<b>Total value of construction .....</b>	<b>3,383,872</b>	<b>843,985</b>	<b>4,227,857</b>	<b>3,077,202</b>	<b>858,176</b>	<b>3,935,378</b>	<b>3,806,100</b>	<b>883,926</b>	<b>4,690,026</b>
<b>Institutional:</b>									
<b>Total value of construction .....</b>	<b>1,134,224</b>	<b>104,103</b>	<b>1,238,327</b>	<b>1,146,365</b>	<b>111,124</b>	<b>1,257,489</b>	<b>1,116,588</b>	<b>123,674</b>	<b>1,240,262</b>
<b>Total building construction .....</b>	<b>1,124,150</b>	<b>103,863</b>	<b>1,228,013</b>	<b>1,130,868</b>	<b>110,881</b>	<b>1,241,749</b>	<b>1,103,942</b>	<b>123,362</b>	<b>1,227,304</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	86	86	—	25	25	—	10	10
9. Office buildings .....	—	32	32	—	—	—	—	—	—
12. Theatres, arenas, amusement and recreational buildings .....	2,410	32	2,442	5,235	34	5,269	2,422	35	2,457
14. Schools and other educational buildings .....	879,941	64,787	944,728	834,367	65,250	899,617	794,162	77,213	871,375
15. Churches and other religious buildings .....	23,250	7,651	30,901	18,532	6,903	25,435	11,573	5,723	17,296
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	184,163	27,523	211,686	218,003	35,053	253,056	238,539	37,325	275,864
17. Other institutional buildings .....	34,357	3,708	38,065	54,225	3,575	57,800	57,246	3,016	60,262
18. Farm buildings (excluding dwellings) .....	—	—	—	—	41	41	—	40	40
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Laboratories .....	—	—	—	—	—	—	—	—	—
25. Other building construction .....	29	44	73	506	—	506	—	—	—
<b>Total engineering construction .....</b>	<b>10,074</b>	<b>240</b>	<b>10,314</b>	<b>15,497</b>	<b>243</b>	<b>15,740</b>	<b>12,646</b>	<b>312</b>	<b>12,958</b>

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.



TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1969-71<sup>1,2</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>283,823</b>	<b>40,518</b>	<b>324,341</b>	<b>391,706</b>	<b>49,103</b>	<b>440,809</b>	<b>459,081</b>	<b>48,572</b>	<b>507,653</b>
<b>Total building construction .....</b>	<b>84,412</b>	<b>28,874</b>	<b>113,286</b>	<b>116,866</b>	<b>35,132</b>	<b>151,998</b>	<b>170,997</b>	<b>35,645</b>	<b>206,642</b>
Residential .....	52,251	14,402	66,653	46,698	16,135	62,833	75,000	16,444	91,444
Industrial .....	4,367	3,172	7,539	35,380	4,588	39,968	52,386	4,997	57,383
Commercial .....	11,255	3,071	14,326	8,166	3,412	11,578	9,657	3,327	12,984
Institutional .....	11,151	1,639	12,790	23,086	2,912	25,998	31,785	3,177	34,962
Other building construction .....	5,388	6,590	11,978	3,536	8,085	11,621	2,169	7,700	9,869
<b>Total engineering construction .....</b>	<b>199,411</b>	<b>11,644</b>	<b>211,055</b>	<b>274,840</b>	<b>13,971</b>	<b>288,811</b>	<b>288,084</b>	<b>12,927</b>	<b>301,011</b>
Marine construction .....	3,818	1,235	5,053	3,482	1,006	4,488	7,868	1,118	8,986
Road, highway and aerodrome construction .....	38,874	6,323	45,197	41,332	7,977	49,309	39,718	7,943	47,661
Waterworks and sewage systems .....	947	126	1,073	2,658	88	2,746	5,902	89	5,991
Dams and irrigation .....	105,796	1,185	106,981	155,224	2,295	157,519	78,682	1,322	80,004
Electric power construction .....									
Railway, telephone and telegraph .....	3,720	1,948	5,668	3,783	1,553	5,336	6,228	1,675	7,903
Gas and oil facilities .....	102	12	114	15,370	310	15,680	82,090	351	82,441
Other engineering construction .....	46,154	815	46,969	52,991	742	53,733	67,596	429	68,025

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1969-71<sup>1,2</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>26,642</b>	<b>7,780</b>	<b>34,422</b>	<b>34,312</b>	<b>9,121</b>	<b>43,433</b>	<b>43,986</b>	<b>8,921</b>	<b>52,907</b>
<b>Total building construction .....</b>	<b>14,620</b>	<b>4,908</b>	<b>19,528</b>	<b>19,065</b>	<b>6,258</b>	<b>25,323</b>	<b>26,383</b>	<b>6,243</b>	<b>32,626</b>
Residential .....	11,198	3,026	14,224	12,712	4,025	16,737	18,000	4,107	22,107
Industrial .....	307	144	451	536	228	764	529	205	734
Commercial .....	1,149	486	1,635	1,290	706	1,996	3,280	645	3,925
Institutional .....	1,160	316	1,476	3,561	514	4,075	3,482	592	4,074
Other building construction .....	806	936	1,742	966	785	1,751	1,092	694	1,786
<b>Total engineering construction .....</b>	<b>12,022</b>	<b>2,872</b>	<b>14,894</b>	<b>15,247</b>	<b>2,863</b>	<b>18,110</b>	<b>17,603</b>	<b>2,678</b>	<b>20,281</b>
Marine construction .....	323	193	516	1,342	311	1,653	1,304	413	1,717
Road, highway and aerodrome construction .....	7,938	1,445	9,383	7,023	1,482	8,505	6,570	1,108	7,678
Waterworks and sewage systems .....	381	179	560	2,516	180	2,696	4,482	154	4,636
Dams and irrigation .....	67	77	144	82	94	176	71	83	154
Electric power construction .....	2,298	398	2,696	1,210	393	1,603	3,273	485	3,758
Railway, telephone and telegraph .....	633	209	842	738	221	959	855	257	1,112
Gas and oil facilities .....	40	8	48	1,862	51	1,913	189	57	246
Other engineering construction .....	342	363	705	474	131	605	859	121	980

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

**TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure — Nova Scotia, 1969-71<sup>1, 2, 3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>398,532</b>	<b>76,856</b>	<b>475,388</b>	<b>393,958</b>	<b>77,765</b>	<b>471,723</b>	<b>395,055</b>	<b>82,232</b>	<b>477,287</b>
<b>Total building construction</b> .....	<b>208,923</b>	<b>46,648</b>	<b>255,571</b>	<b>217,260</b>	<b>48,916</b>	<b>266,176</b>	<b>244,818</b>	<b>48,918</b>	<b>293,736</b>
<b>Residential</b> .....	<b>95,193</b>	<b>22,237</b>	<b>117,430</b>	<b>102,430</b>	<b>29,473</b>	<b>131,903</b>	<b>134,500</b>	<b>30,336</b>	<b>164,836</b>
<b>Industrial</b> .....	<b>15,878</b>	<b>7,038</b>	<b>22,916</b>	<b>35,563</b>	<b>3,577</b>	<b>39,140</b>	<b>40,186</b>	<b>3,820</b>	<b>44,006</b>
2. Factories, plants, workshops, food canneries .....	13,953	5,164	19,117	35,121	3,082	38,203	39,707	3,303	43,010
3. Mine and mine mill buildings .....	1,571	1,481	3,052	127	135	262	149	123	272
4. Railway stations, offices, roadway buildings .....	221	248	469	187	208	395	193	228	421
5. Railway shops, engine houses, water and fuel stations .....	133	145	278	128	152	280	137	166	303
<b>Commercial</b> .....	<b>29,269</b>	<b>9,330</b>	<b>38,599</b>	<b>27,622</b>	<b>8,519</b>	<b>36,141</b>	<b>26,675</b>	<b>7,438</b>	<b>34,113</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	888	1,043	1,931	360	847	1,207	912	792	1,704
7. Grain elevators .....	30	44	74	1	51	52	39	69	108
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,987	1,115	3,102	2,741	845	3,586	7,859	1,299	9,158
9. Office buildings .....	8,479	3,643	12,122	16,198	3,288	19,486	11,705	2,651	14,356
10. Stores, retail and wholesale .....	14,838	1,609	16,447	4,219	1,491	5,710	3,451	1,013	4,464
11. Garages and service stations .....	2,235	933	3,168	3,385	1,227	4,612	2,183	1,009	3,192
12. Theatres, arenas, amusement and recreational buildings .....	752	912	1,664	718	739	1,457	524	557	1,081
13. Laundries and dry cleaning establishments .....	60	31	91	—	31	31	2	48	50
<b>Institutional</b> .....	<b>63,183</b>	<b>4,278</b>	<b>67,461</b>	<b>47,643</b>	<b>4,112</b>	<b>51,755</b>	<b>39,787</b>	<b>4,346</b>	<b>44,133</b>
14. Schools and other educational buildings .....	46,294	2,253	48,547	37,940	2,750	40,690	34,365	2,983	37,348
15. Churches and other religious buildings .....	196	518	714	391	270	661	35	205	240
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11,448	892	12,340	3,894	819	4,713	4,002	887	4,889
17. Other institutional buildings .....	5,245	615	5,860	5,418	273	5,691	1,385	271	1,656
<b>Other building construction</b> .....	<b>5,400</b>	<b>3,765</b>	<b>9,165</b>	<b>4,002</b>	<b>3,235</b>	<b>7,237</b>	<b>3,670</b>	<b>2,978</b>	<b>6,648</b>
18. Farm buildings (excluding dwellings) .....	1,632	960	2,592	1,302	767	2,069	1,239	730	1,969
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,099	269	1,368	172	52	224	393	45	438
20. Aeroplane hangars .....	58	513	571	53	478	531	41	421	462
21. Passenger terminals, bus, boat or air .....	—	84	84	—	78	78	—	107	107
22. Armouries, barracks, drill halls, etc. ....	123	1,043	1,166	115	973	1,088	91	856	947
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,170	7	1,177	513	1	514	62	1	63
24. Laboratories .....	305	29	334	744	27	771	725	24	749
25. Other building construction .....	1,013	860	1,873	1,103	859	1,962	1,119	794	1,913
<b>Total engineering construction</b> .....	<b>189,609</b>	<b>30,208</b>	<b>219,817</b>	<b>176,698</b>	<b>28,849</b>	<b>205,547</b>	<b>150,237</b>	<b>33,314</b>	<b>183,551</b>
<b>Marine construction</b> .....	<b>14,424</b>	<b>1,361</b>	<b>15,785</b>	<b>20,116</b>	<b>1,782</b>	<b>21,898</b>	<b>8,718</b>	<b>1,608</b>	<b>10,326</b>
26. Docks, wharves, piers, breakwaters .....	12,058	988	13,046	17,522	932	18,454	6,950	813	7,763
27. Retaining walls, embankments, riprapping .....	225	28	253	225	36	261	166	35	201
28. Canals and waterways .....	35	—	35	33	—	33	26	—	26
29. Dredging and pile driving .....	275	59	334	268	20	288	223	17	240
30. Dyke construction .....	1,574	224	1,798	1,477	209	1,686	1,163	184	1,347
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	257	62	319	591	585	1,176	190	559	749

See footnote(s) at end of table.

**TABLE 20. Total Value of Construction Work Performed—New and Repair by Type of Structure—Nova Scotia, 1969-71<sup>1,2,3</sup>—Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>42,184</b>	<b>14,231</b>	<b>56,415</b>	<b>43,969</b>	<b>13,240</b>	<b>57,209</b>	<b>46,602</b>	<b>14,476</b>	<b>61,078</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	40,112	13,604	53,716	42,132	12,702	54,834	45,029	13,891	58,920
34. Parking lots .....	141	46	187	135	61	196	96	55	151
36. Sidewalks, paths .....	428	206	634	291	127	418	365	222	587
37. Aerodromes, landing fields, runways, tarmac .....	1,503	375	1,878	1,411	350	1,761	1,112	308	1,420
<b>Waterworks and sewage systems .....</b>	<b>8,342</b>	<b>2,769</b>	<b>11,111</b>	<b>7,122</b>	<b>2,512</b>	<b>9,634</b>	<b>10,859</b>	<b>2,519</b>	<b>13,378</b>
38. Tile drains, drainage ditches, storm sewers .....	227	163	390	147	138	285	139	127	266
39. Water mains, hydrants and services .....	2,782	794	3,576	2,142	709	2,851	1,622	847	2,469
40. Sewage systems and connections .....	5,039	508	5,547	4,388	456	4,844	9,025	481	9,506
41. Pumping stations, water .....	65	1,289	1,354	373	1,197	1,570	54	1,053	1,107
42. Water storage tanks .....	229	15	244	72	12	84	19	11	30
<b>Dams and irrigation .....</b>	<b>1,005</b>	<b>146</b>	<b>1,151</b>	<b>846</b>	<b>118</b>	<b>964</b>	<b>697</b>	<b>111</b>	<b>808</b>
43. Dams and reservoirs .....	799	21	820	666	17	683	537	15	552
44. Irrigation and land reclamation projects .....	206	125	331	180	101	281	160	96	256
<b>Electric power construction .....</b>	<b>36,108</b>	<b>2,146</b>	<b>38,254</b>	<b>24,172</b>	<b>2,272</b>	<b>26,444</b>	<b>24,726</b>	<b>3,359</b>	<b>28,085</b>
45. Electric power generating plants, including water conveying and controlling structures .....	23,511	520	24,031	5,197	527	5,724	10,362	669	11,031
46. Electric transformer stations .....	1,106	108	1,214	6,314	236	6,550	1,847	309	2,156
47. Power transmission and distribution lines, trolley wires .....	11,036	1,442	12,478	11,794	1,326	13,120	12,052	2,186	14,238
48. Street lighting .....	455	76	531	867	183	1,050	465	195	660
<b>Railway, telephone and telegraph .....</b>	<b>9,048</b>	<b>4,130</b>	<b>13,178</b>	<b>7,136</b>	<b>4,008</b>	<b>11,144</b>	<b>8,956</b>	<b>4,276</b>	<b>13,232</b>
49. Railway tracks and roadbed .....	2,622	2,567	5,189	2,138	2,386	4,524	2,192	2,483	4,675
50. Signals and interlockers .....	240	281	521	251	298	549	288	325	613
51. Telegraph and telephone lines, underground and marine cables .....	6,186	1,282	7,468	4,747	1,324	6,071	6,476	1,468	7,944
<b>Gas and oil facilities .....</b>	<b>3,451</b>	<b>73</b>	<b>3,524</b>	<b>16,603</b>	<b>154</b>	<b>16,757</b>	<b>193</b>	<b>456</b>	<b>649</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	3,451	55	3,506	16,603	144	16,747	193	450	643
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	10	10	—	3	3	—	—	—
58. Gas pipe lines .....	—	8	8	—	7	7	—	6	6
59. Oil and gas wells <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>75,047</b>	<b>5,352</b>	<b>80,399</b>	<b>56,734</b>	<b>4,763</b>	<b>61,497</b>	<b>49,486</b>	<b>6,509</b>	<b>55,995</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	14,837	1,618	16,455	10,888	327	11,215	11,728	328	12,056
64. Tunnels and subways .....	—	21	21	—	20	20	—	17	17
65. Incinerators .....	—	—	—	29	13	42	31	21	52
66. Park systems, landscaping, sodding, etc. ....	99	249	348	437	232	669	527	204	731
67. Swimming pools, tennis courts, outdoor recreation facilities ....	53	92	145	281	88	369	251	84	335
68. Mine shafts and other below surface workings .....	1,090	10	1,100	2,243	18	2,261	4,721	9	4,730
69. Fences, snowsheds, signs, guard rails .....	359	273	632	319	220	539	266	211	477
70. Other engineering construction <sup>3</sup> .....	58,609	3,089	61,698	42,537	3,845	46,382	31,962	5,635	37,597

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.



**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>228,551</b>	<b>58,180</b>	<b>286,731</b>	<b>259,812</b>	<b>66,876</b>	<b>326,688</b>	<b>289,960</b>	<b>68,475</b>	<b>358,435</b>
<b>Total building construction .....</b>	<b>150,893</b>	<b>31,515</b>	<b>182,408</b>	<b>155,660</b>	<b>39,011</b>	<b>194,671</b>	<b>166,500</b>	<b>40,835</b>	<b>207,335</b>
<b>Residential .....</b>	<b>67,511</b>	<b>17,895</b>	<b>85,406</b>	<b>61,276</b>	<b>22,493</b>	<b>83,769</b>	<b>90,000</b>	<b>22,952</b>	<b>112,952</b>
<b>Industrial .....</b>	<b>25,581</b>	<b>3,654</b>	<b>29,235</b>	<b>24,109</b>	<b>3,462</b>	<b>27,571</b>	<b>16,814</b>	<b>3,378</b>	<b>20,192</b>
2. Factories, plants, workshops, food canneries .....	22,251	2,821	25,072	22,237	2,619	24,856	14,857	2,452	17,309
3. Mine and mine mill buildings .....	2,588	63	2,651	1,159	47	1,206	1,223	62	1,285
4. Railway stations, offices, roadway buildings .....	524	472	996	444	456	900	452	496	948
5. Railway shops, engine houses, water and fuel stations .....	218	298	516	269	340	609	282	368	650
<b>Commercial .....</b>	<b>20,454</b>	<b>4,148</b>	<b>24,602</b>	<b>20,673</b>	<b>5,333</b>	<b>26,006</b>	<b>19,277</b>	<b>6,441</b>	<b>25,718</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	2,430	502	2,932	2,366	448	2,814	4,017	471	4,488
7. Grain elevators .....	3	17	20	1	20	21	2	30	32
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	524	325	849	1,019	209	1,228	1,195	153	1,348
9. Office buildings .....	7,524	1,038	8,562	10,592	1,811	12,403	6,924	3,332	10,256
10. Stores, retail and wholesale .....	7,882	1,121	9,003	3,611	1,446	5,057	3,175	1,212	4,387
11. Garages and service stations .....	998	906	1,904	2,250	1,126	3,376	2,787	966	3,753
12. Theatres, arenas, amusement and recreational buildings .....	1,000	232	1,232	788	264	1,052	1,126	268	1,394
13. Laundries and dry cleaning establishments .....	93	7	100	46	9	55	51	9	60
<b>Institutional .....</b>	<b>32,964</b>	<b>3,812</b>	<b>36,776</b>	<b>45,687</b>	<b>5,784</b>	<b>51,471</b>	<b>35,009</b>	<b>6,241</b>	<b>41,250</b>
14. Schools and other educational buildings .....	25,960	1,892	27,852	32,641	3,872	36,513	20,272	3,979	24,251
15. Churches and other religious buildings .....	1,181	564	1,745	299	327	626	135	721	856
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4,782	1,080	5,862	6,232	1,427	7,659	4,749	1,423	6,172
17. Other institutional buildings .....	1,041	276	1,317	6,515	158	6,673	9,853	118	9,971
<b>Other building construction .....</b>	<b>4,383</b>	<b>2,006</b>	<b>6,389</b>	<b>3,915</b>	<b>1,939</b>	<b>5,854</b>	<b>5,400</b>	<b>1,823</b>	<b>7,223</b>
18. Farm buildings (excluding dwellings) .....	1,327	931	2,258	1,409	990	2,399	1,316	923	2,239
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,334	175	1,509	1,434	172	1,606	1,352	186	1,538
20. Aeroplane hangars .....	117	81	198	25	89	114	27	77	104
21. Passenger terminals, bus, boat or air .....	—	36	36	—	47	47	—	43	43
22. Armouries, barracks, drill halls, etc. ....	24	406	430	60	447	507	65	386	451
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	282	273	555	167	76	243	441	85	526
24. Laboratories .....	19	33	52	48	36	84	52	31	83
25. Other building construction .....	1,280	71	1,351	772	82	854	2,147	92	2,239
<b>Total engineering construction .....</b>	<b>77,658</b>	<b>26,665</b>	<b>104,323</b>	<b>104,152</b>	<b>27,865</b>	<b>132,017</b>	<b>123,460</b>	<b>27,640</b>	<b>151,100</b>
<b>Marine construction .....</b>	<b>13,878</b>	<b>931</b>	<b>14,809</b>	<b>12,000</b>	<b>958</b>	<b>12,958</b>	<b>17,170</b>	<b>884</b>	<b>18,054</b>
26. Docks, wharves, piers, breakwaters .....	11,985	616	12,601	6,977	531	7,508	11,839	471	12,310
27. Retaining walls, embankments, riprapping .....	—	—	—	16	2	18	23	1	24
28. Canals and waterways .....	—	5	5	—	6	6	—	5	5
29. Dredging and pile driving .....	672	160	832	1,722	255	1,977	1,827	274	2,101
30. Dyke construction .....	1,210	121	1,331	3,032	133	3,165	3,291	115	3,406
31. Logging booms .....	—	29	29	—	16	16	—	8	8
32. Other marine construction .....	11	—	11	253	15	268	190	10	200

See footnote(s) at end of table.

**TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure — New Brunswick, 1969-71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>17,135</b>	<b>11,814</b>	<b>28,949</b>	<b>39,188</b>	<b>14,715</b>	<b>53,903</b>	<b>34,561</b>	<b>13,895</b>	<b>48,456</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	16,584	11,547	28,131	38,681	14,447	53,128	33,943	13,657	47,600
34. Parking lots .....	201	36	237	189	38	227	362	55	417
36. Sidewalks, paths .....	331	83	414	270	78	348	204	52	256
37. Aerodromes, landing fields, runways, tarmac .....	19	148	167	48	152	200	52	131	183
<b>Waterworks and sewage systems .....</b>	<b>2,940</b>	<b>1,247</b>	<b>4,187</b>	<b>6,383</b>	<b>1,829</b>	<b>8,212</b>	<b>10,763</b>	<b>1,803</b>	<b>12,566</b>
38. Tile drains, drainage ditches, storm sewers .....	201	114	315	191	120	311	142	110	252
39. Water mains, hydrants and services .....	853	298	1,151	1,653	653	2,306	2,847	678	3,525
40. Sewage systems and connections .....	1,851	457	2,308	3,136	594	3,730	6,737	628	7,365
41. Pumping stations, water .....	15	363	378	686	431	1,117	741	368	1,109
42. Water storage tanks .....	20	15	35	717	31	748	296	19	315
<b>Dams and irrigation .....</b>	<b>844</b>	<b>121</b>	<b>965</b>	<b>732</b>	<b>156</b>	<b>888</b>	<b>411</b>	<b>157</b>	<b>568</b>
43. Dams and reservoirs .....	681	10	691	314	38	352	149	47	196
44. Irrigation and land reclamation projects .....	163	111	274	418	118	536	262	110	372
<b>Electric power construction .....</b>	<b>13,554</b>	<b>2,688</b>	<b>16,242</b>	<b>14,322</b>	<b>1,133</b>	<b>15,455</b>	<b>14,290</b>	<b>1,166</b>	<b>15,456</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,232	1,463	4,695	43	137	180	38	114	152
46. Electric transformer stations .....	718	30	748	68	6	74	229	5	234
47. Power transmission and distribution lines, trolley wires .....	9,421	1,148	10,569	13,966	967	14,933	13,866	1,029	14,895
48. Street lighting .....	183	47	230	245	23	268	157	18	175
<b>Railway, telephone and telegraph .....</b>	<b>9,877</b>	<b>6,443</b>	<b>16,320</b>	<b>10,740</b>	<b>6,571</b>	<b>17,311</b>	<b>11,982</b>	<b>7,124</b>	<b>19,106</b>
49. Railway tracks and roadbed .....	3,943	4,779	8,722	5,004	4,759	9,763	5,023	5,174	10,197
50. Signals and interlockers .....	392	634	1,026	457	646	1,103	497	702	1,199
51. Telegraph and telephone lines, underground and marine cables .....	5,542	1,030	6,572	5,279	1,166	6,445	6,462	1,248	7,710
<b>Gas and oil facilities .....</b>	<b>640</b>	<b>41</b>	<b>681</b>	<b>449</b>	<b>84</b>	<b>533</b>	<b>4,850</b>	<b>92</b>	<b>4,942</b>
52. Gas mains and services .....	20	1	21	5	1	6	5	1	6
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	215	25	240	439	83	522	4,775	91	4,866
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines <sup>3</sup> .....	374	—	374	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells <sup>3</sup> .....	31	15	46	5	—	5	70	—	70
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>18,790</b>	<b>3,380</b>	<b>22,170</b>	<b>20,338</b>	<b>2,419</b>	<b>22,757</b>	<b>29,433</b>	<b>2,519</b>	<b>31,952</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	9,732	2,019	11,751	6,927	1,571	8,498	9,123	1,748	10,871
64. Tunnels and subways .....	109	9	118	93	10	103	—	9	9
65. Incinerators .....	—	—	—	369	5	374	—	—	—
66. Park systems, landscaping, sodding, etc. ....	103	346	449	28	375	403	129	328	457
67. Swimming pools, tennis courts, outdoor recreation facilities .....	257	4	261	378	4	382	766	6	772
68. Mine shafts and other below surface workings .....	7,301	45	7,346	5,615	25	5,640	5,673	25	5,698
69. Fences, snowsheds, signs, guard rails .....	303	224	527	294	228	522	272	220	492
70. Other engineering construction <sup>3</sup> .....	985	733	1,718	6,634	201	6,835	13,470	183	13,653

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1969-71<sup>1,2,3</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,081,662</b>	<b>613,902</b>	<b>2,695,564</b>	<b>2,172,838</b>	<b>568,708</b>	<b>2,741,546</b>	<b>2,538,304</b>	<b>602,453</b>	<b>3,140,757</b>
<b>Total building construction .....</b>	<b>1,373,159</b>	<b>351,704</b>	<b>1,724,863</b>	<b>1,358,874</b>	<b>336,045</b>	<b>1,694,919</b>	<b>1,552,730</b>	<b>343,154</b>	<b>1,895,884</b>
<b>Residential .....</b>	<b>676,723</b>	<b>210,375</b>	<b>887,098</b>	<b>666,467</b>	<b>189,079</b>	<b>855,546</b>	<b>830,000</b>	<b>193,500</b>	<b>1,023,500</b>
<b>Industrial .....</b>	<b>129,949</b>	<b>45,763</b>	<b>175,712</b>	<b>110,480</b>	<b>43,376</b>	<b>153,856</b>	<b>131,862</b>	<b>44,438</b>	<b>176,300</b>
2. Factories, plants, workshops, food canneries ....	120,659	39,238	159,897	100,016	38,373	138,389	106,513	38,746	145,259
3. Mine and mine mill buildings .....	6,415	1,960	8,375	8,759	2,299	11,058	23,320	2,545	25,865
4. Railway stations, offices, roadway buildings ....	1,572	2,408	3,980	1,047	1,531	2,578	1,034	1,640	2,674
5. Railway shops, engine houses, water and fuel stations .....	1,303	2,157	3,460	658	1,173	1,831	995	1,507	2,502
<b>Commercial .....</b>	<b>175,390</b>	<b>43,052</b>	<b>218,442</b>	<b>174,951</b>	<b>49,955</b>	<b>224,906</b>	<b>184,766</b>	<b>48,636</b>	<b>233,402</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	20,639	4,675	25,314	10,421	2,691	13,112	16,488	3,191	19,679
7. Grain elevators .....	37	743	780	26	456	482	304	648	952
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	6,877	4,256	11,133	6,435	3,732	10,167	11,002	3,759	14,761
9. Office buildings .....	83,015	14,833	97,848	85,583	15,034	100,617	83,105	15,426	98,531
10. Stores, retail and wholesale .....	34,691	12,338	47,029	30,728	11,284	42,012	38,101	8,631	46,732
11. Garages and service stations .....	16,615	4,820	21,435	15,369	7,448	22,817	11,533	6,463	17,996
12. Theatres, arenas, amusement and recreational buildings .....	12,999	1,170	14,169	25,958	8,871	34,829	23,850	10,205	34,055
13. Laundries and dry cleaning establishments .....	517	217	734	431	439	870	383	313	696
<b>Institutional .....</b>	<b>298,559</b>	<b>32,481</b>	<b>331,040</b>	<b>292,849</b>	<b>33,448</b>	<b>326,297</b>	<b>284,186</b>	<b>35,537</b>	<b>319,723</b>
14. Schools and other educational buildings .....	219,825	18,871	238,696	214,093	18,059	232,152	221,235	19,330	240,565
15. Churches and other religious buildings .....	2,936	2,161	5,097	4,541	2,354	6,895	1,136	1,893	3,029
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	63,309	9,626	72,935	57,254	10,372	67,626	44,061	11,451	55,512
17. Other institutional buildings .....	12,489	1,823	14,312	16,961	2,663	19,624	17,754	2,863	20,617
<b>Other building construction .....</b>	<b>92,538</b>	<b>20,033</b>	<b>112,571</b>	<b>114,127</b>	<b>20,187</b>	<b>134,314</b>	<b>121,916</b>	<b>21,043</b>	<b>142,959</b>
18. Farm buildings (excluding dwellings) .....	37,054	11,703	48,757	33,294	10,521	43,815	32,489	10,265	42,754
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	21,354	2,578	23,932	23,904	731	24,635	10,790	794	11,584
20. Aeroplane hangars .....	2,620	505	3,125	5,003	224	5,227	2,597	224	2,821
21. Passenger terminals, bus, boat or air .....	2,520	115	2,635	21,810	2,146	23,956	34,767	3,061	37,828
22. Armouries, barracks, drill halls, etc. ....	139	1,100	1,239	180	1,071	1,251	135	1,106	1,241
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,092	1,010	2,102	938	871	1,809	4,297	756	5,053
24. Laboratories .....	6,602	41	6,643	15,277	166	15,443	22,578	156	22,734
25. Other building construction .....	21,157	2,981	24,138	13,721	4,457	18,178	14,263	4,681	18,944
<b>Total engineering construction .....</b>	<b>708,503</b>	<b>262,198</b>	<b>970,701</b>	<b>813,964</b>	<b>232,663</b>	<b>1,046,627</b>	<b>985,574</b>	<b>259,299</b>	<b>1,244,873</b>
<b>Marine construction .....</b>	<b>49,166</b>	<b>18,488</b>	<b>67,654</b>	<b>37,005</b>	<b>14,276</b>	<b>51,281</b>	<b>46,632</b>	<b>16,830</b>	<b>63,462</b>
26. Docks, wharves, piers, breakwaters .....	22,776	1,528	24,304	11,713	1,119	12,832	18,514	1,744	20,258
27. Retaining walls, embankments, riprapping .....	13,312	15,327	28,639	12,612	11,804	24,416	13,891	13,097	26,988
28. Canals and waterways .....	11,661	414	12,075	10,824	212	11,036	11,754	245	11,999
29. Dredging and pile driving .....	962	495	1,457	882	226	1,108	488	195	683
30. Dyke construction .....	241	352	593	565	312	877	255	322	577
31. Logging booms .....	101	188	289	190	154	344	411	166	577
32. Other marine construction .....	113	184	297	219	449	668	1,319	1,061	2,380

See footnote(s) at end of table.



**TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure — Quebec, 1969-71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>189,656</b>	<b>99,262</b>	<b>288,918</b>	<b>215,166</b>	<b>90,944</b>	<b>306,110</b>	<b>265,141</b>	<b>101,645</b>	<b>366,786</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	184,656	93,587	278,243	193,737	84,259	277,996	219,154	94,110	313,264
34. Parking lots .....	851	500	1,351	553	434	987	448	478	926
36. Sidewalks, paths .....	2,294	3,402	5,696	3,352	4,525	7,877	3,646	5,273	8,919
37. Aerodromes, landing fields, runways, tarmac .....	1,855	1,773	3,628	17,524	1,726	19,250	41,893	1,784	43,677
<b>Waterworks and sewage systems .....</b>	<b>80,404</b>	<b>26,429</b>	<b>106,833</b>	<b>90,400</b>	<b>28,918</b>	<b>119,318</b>	<b>108,919</b>	<b>31,342</b>	<b>140,261</b>
38. Tile drains, drainage ditches, storm sewers .....	9,944	4,220	14,164	9,089	3,409	12,498	9,520	3,625	13,145
39. Water mains, hydrants and services .....	14,510	10,265	24,775	19,306	11,062	30,368	19,961	10,984	30,945
40. Sewage systems and connections .....	50,706	10,228	60,934	54,555	13,423	67,978	72,018	15,792	87,810
41. Pumping stations, water .....	4,591	1,474	6,065	6,788	796	7,584	6,918	748	7,666
42. Water storage tanks .....	653	242	895	662	228	890	502	193	695
<b>Dams and irrigation .....</b>	<b>5,963</b>	<b>1,715</b>	<b>7,678</b>	<b>5,626</b>	<b>1,441</b>	<b>7,067</b>	<b>5,431</b>	<b>1,413</b>	<b>6,844</b>
43. Dams and reservoirs .....	1,415	287	1,702	1,552	162	1,714	1,460	166	1,626
44. Irrigation and land reclamation projects .....	4,548	1,428	5,976	4,074	1,279	5,353	3,971	1,247	5,218
<b>Electric power construction .....</b>	<b>125,148</b>	<b>23,921</b>	<b>149,069</b>	<b>209,421</b>	<b>20,855</b>	<b>230,276</b>	<b>266,130</b>	<b>22,944</b>	<b>289,074</b>
45. Electric power generating plants, including water conveying and controlling structures .....	71,927	6,816	78,743	51,008	5,955	56,963	57,443	6,353	63,796
46. Electric transformer stations .....	8,042	1,700	9,742	30,394	1,219	31,613	66,268	1,453	67,721
47. Power transmission and distribution lines, trolley wires .....	40,398	13,867	54,265	123,727	12,321	136,048	137,123	13,547	150,670
48. Street lighting .....	4,781	1,538	6,319	4,292	1,360	5,652	5,296	1,591	6,887
<b>Railway, telephone and telegraph .....</b>	<b>62,501</b>	<b>38,858</b>	<b>101,359</b>	<b>63,921</b>	<b>40,362</b>	<b>104,283</b>	<b>62,873</b>	<b>42,726</b>	<b>105,599</b>
49. Railway tracks and roadbed <sup>3</sup> .....	11,850	20,970	32,820	17,327	21,385	38,712	16,162	22,037	38,199
50. Signals and interlockers .....	1,170	2,567	3,737	1,222	2,321	3,543	1,335	2,508	3,843
51. Telegraph and telephone lines, underground and marine cables .....	49,481	15,321	64,802	45,372	16,656	62,028	45,376	18,181	63,557
<b>Gas and oil facilities .....</b>	<b>60,138</b>	<b>17,798</b>	<b>77,936</b>	<b>66,297</b>	<b>15,911</b>	<b>82,208</b>	<b>69,606</b>	<b>20,261</b>	<b>89,867</b>
52. Gas mains and services .....	10,611	1,061	11,672	3,191	877	4,068	6,378	902	7,280
53. Pumping stations, oil .....	946	89	1,035	152	51	203	100	50	150
54. Pumping stations, gas .....	562	66	628	193	54	247	379	53	432
55. Oil storage tanks .....	6,551	835	7,386	5,472	591	6,063	5,393	725	6,118
56. Gas storage tanks .....	5,104	44	5,148	1,627	27	1,654	2,944	27	2,971
57. Oil pipe lines .....	2,031	476	2,507	1,638	696	2,334	360	795	1,155
58. Gas pipe lines .....	153	—	153	154	423	577	482	1,045	1,527
59. Oil and gas wells .....	987	—	987	1,655	45	1,700	2,914	55	2,969
61. Oil refinery — Processing units <sup>3</sup> .....	33,099	14,428	47,527	52,215	13,147	65,362	50,646	16,608	67,254
62. Natural gas cleaning plants .....	94	799	893	—	—	—	10	1	11
<b>Other engineering construction .....</b>	<b>135,527</b>	<b>35,727</b>	<b>171,254</b>	<b>126,128</b>	<b>19,956</b>	<b>146,084</b>	<b>160,842</b>	<b>22,138</b>	<b>182,980</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	63,381	7,105	70,486	60,607	8,528	69,135	68,219	8,807	77,026
64. Tunnels and subways .....	1,000	1,308	2,308	1,442	484	1,926	1,369	524	1,893
65. Incinerators .....	5	24	29	12	—	12	5	—	5
66. Park systems, landscaping, sodding, etc. ....	2,422	292	2,714	2,656	260	2,916	2,593	341	2,934
67. Swimming pools, tennis courts, outdoor recreation facilities .....	271	82	353	866	102	968	307	61	368
68. Mine shafts and other below surface workings .....	38,300	1,676	39,976	34,624	233	34,857	28,180	238	28,418
69. Fences, snowsheds, signs, guard rails .....	6,395	5,991	12,386	5,702	4,930	10,632	5,515	5,193	10,708
70. Other engineering construction <sup>3</sup> .....	23,753	19,249	43,002	20,219	5,419	25,638	54,654	6,974	61,628

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.

TABLE 23. Total Value of Construction Work Performed—New and Repair by Type of Structure—Ontario, 1969-71<sup>1,2,3</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>3,825,351</b>	<b>817,870</b>	<b>4,643,221</b>	<b>4,046,577</b>	<b>865,695</b>	<b>4,912,272</b>	<b>4,571,612</b>	<b>909,123</b>	<b>5,480,735</b>
<b>Total building construction .....</b>	<b>2,669,405</b>	<b>577,916</b>	<b>3,247,321</b>	<b>2,819,021</b>	<b>593,417</b>	<b>3,412,438</b>	<b>3,015,703</b>	<b>614,277</b>	<b>3,629,980</b>
<b>Residential .....</b>	<b>1,425,351</b>	<b>326,400</b>	<b>1,751,751</b>	<b>1,266,140</b>	<b>337,329</b>	<b>1,603,469</b>	<b>1,529,500</b>	<b>348,000</b>	<b>1,877,500</b>
<b>Industrial .....</b>	<b>269,951</b>	<b>93,587</b>	<b>363,538</b>	<b>403,343</b>	<b>92,418</b>	<b>495,761</b>	<b>337,753</b>	<b>95,602</b>	<b>433,355</b>
2. Factories, plants, workshops, food canneries ....	250,220	70,217	320,437	366,238	71,871	438,109	288,771	73,635	362,406
3. Miné and mine mill buildings .....	13,094	16,936	30,030	31,529	14,077	45,606	43,345	14,783	58,128
4. Railway stations, offices, roadway buildings ....	3,782	4,059	7,841	3,262	3,759	7,021	3,536	4,136	7,672
5. Railway shops, engine houses, water and fuel stations .....	2,855	2,375	5,230	2,314	2,711	5,025	2,101	3,048	5,149
<b>Commercial .....</b>	<b>389,826</b>	<b>79,530</b>	<b>469,356</b>	<b>506,749</b>	<b>80,237</b>	<b>586,986</b>	<b>540,777</b>	<b>83,103</b>	<b>623,880</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	30,968	7,931	38,899	24,662	7,449	32,111	24,314	9,009	33,323
7. Grain elevators .....	314	132	446	137	436	573	88	464	552
8. Hotels, clubs,, restaurants, cafeterias, tourist cabins .....	18,834	6,448	25,282	32,466	6,370	38,836	69,324	7,389	76,713
9. Office buildings .....	201,638	30,846	232,484	277,252	31,784	309,036	283,829	35,033	318,862
10. Stores, retail and wholesale .....	85,205	21,899	107,104	109,549	19,248	128,797	92,227	16,365	108,592
11. Garages and service stations <sup>3</sup> .....	24,641	6,805	31,446	27,754	9,726	37,480	36,432	10,528	46,960
12. Theatres, arenas, amusement and recreational buildings .....	27,837	4,891	32,728	34,426	4,755	39,181	34,045	3,896	37,941
13. Laundries and dry cleaning establishments .....	389	578	967	503	469	972	518	419	937
<b>Institutional .....</b>	<b>502,345</b>	<b>39,896</b>	<b>542,241</b>	<b>502,872</b>	<b>42,653</b>	<b>545,525</b>	<b>474,288</b>	<b>48,982</b>	<b>523,270</b>
14. Schools and other educational buildings .....	376,350	22,088	398,438	331,439	23,177	354,616	290,820	29,295	320,115
15. Churches and other religious buildings .....	12,180	3,177	15,357	6,937	2,565	9,502	4,406	2,046	6,452
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	76,797	10,742	87,539	109,017	14,583	123,600	121,095	15,721	136,816
17. Other institutional buildings .....	37,018	3,889	40,907	55,479	2,328	57,807	57,967	1,920	59,887
<b>Other building construction .....</b>	<b>81,932</b>	<b>38,503</b>	<b>120,435</b>	<b>139,917</b>	<b>40,780</b>	<b>180,697</b>	<b>133,385</b>	<b>38,590</b>	<b>171,975</b>
18. Farm buildings (excluding dwellings) .....	49,121	25,197	74,318	44,983	24,363	69,346	45,437	24,426	69,863
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	12,821	3,231	16,052	17,459	547	18,006	18,285	587	18,872
20. Aeroplane hangars .....	1,767	1,155	2,922	9,437	534	9,971	3,211	581	3,792
21. Passenger terminals, bus, boat or air .....	1,482	226	1,708	26,978	189	27,167	35,724	223	35,947
22. Armouries, barracks, drill halls, etc. ....	181	1,656	1,837	169	1,553	1,722	192	1,688	1,880
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,422	835	2,257	1,180	659	1,839	254	669	923
24. Laboratories .....	8,875	2,533	11,408	9,659	2,315	11,974	9,528	2,501	12,029
25. Other building construction <sup>1</sup> .....	6,263	3,670	9,933	30,052	10,620	40,672	20,754	7,915	28,669
<b>Total engineering construction .....</b>	<b>1,155,946</b>	<b>239,954</b>	<b>1,395,900</b>	<b>1,227,556</b>	<b>272,278</b>	<b>1,499,834</b>	<b>1,555,909</b>	<b>294,846</b>	<b>1,850,755</b>
<b>Marine construction .....</b>	<b>28,516</b>	<b>3,564</b>	<b>32,080</b>	<b>16,542</b>	<b>5,012</b>	<b>21,554</b>	<b>20,609</b>	<b>5,118</b>	<b>25,727</b>
26. Docks, wharves, piers, breakwaters .....	3,434	1,318	4,752	2,257	1,490	3,747	3,048	1,488	4,536
27. Retaining walls, embankments, riprapping .....	5,373	119	5,492	4,230	99	4,329	5,920	118	6,038
28. Canals and waterways .....	19,011	1,320	20,331	9,435	1,275	10,710	11,075	1,013	12,088
29. Dredging and pile driving .....	241	776	1,017	225	620	845	281	672	953
30. Dyke construction .....	55	5	60	25	3	28	40	2	42
31. Logging booms .....	1	21	22	—	38	38	—	40	40
32. Other marine construction .....	401	5	406	370	1,487	1,857	245	1,785	2,030

See footnote(s) at end of table.



**TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario, 1969-71<sup>1,2,3</sup> - Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>331,899</b>	<b>56,836</b>	<b>388,735</b>	<b>355,921</b>	<b>79,488</b>	<b>435,409</b>	<b>370,158</b>	<b>91,203</b>	<b>461,361</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	323,511	52,994	376,505	341,266	75,430	416,696	340,689	86,890	427,579
34. Parking lots <sup>3</sup> .....	2,578	971	3,549	3,461	1,056	4,517	1,265	1,257	2,522
36. Sidewalks, paths .....	5,217	2,346	7,563	5,326	2,511	7,837	6,211	2,518	8,729
37. Aerodromes, landing fields, runways, tarmac .....	593	525	1,118	5,868	491	6,359	21,993	538	22,531
<b>Waterworks and sewage systems .....</b>	<b>133,724</b>	<b>20,368</b>	<b>154,092</b>	<b>173,588</b>	<b>22,128</b>	<b>195,716</b>	<b>206,873</b>	<b>22,515</b>	<b>229,388</b>
38. Tile drains, drainage ditches, storm sewers .....	10,910	3,085	13,995	10,607	3,354	13,961	13,341	3,406	16,747
39. Water mains, hydrants and services .....	31,986	8,086	40,072	40,319	9,265	49,584	46,526	8,806	55,332
40. Sewage systems and connections .....	81,530	7,418	88,948	110,235	7,586	117,821	127,204	8,191	135,395
41. Pumping stations, water .....	7,009	1,244	8,253	10,816	1,453	12,269	16,708	1,644	18,352
42. Water storage tanks .....	2,289	535	2,824	1,611	470	2,081	3,094	468	3,562
<b>Dams and irrigation .....</b>	<b>16,889</b>	<b>3,350</b>	<b>20,239</b>	<b>15,399</b>	<b>3,288</b>	<b>18,687</b>	<b>14,519</b>	<b>3,254</b>	<b>17,773</b>
43. Dams and reservoirs <sup>3</sup> .....	10,909	296	11,205	9,935	319	10,254	9,035	280	9,315
44. Irrigation and land reclamation projects .....	5,980	3,054	9,034	5,464	2,969	8,433	5,484	2,974	8,458
<b>Electric power construction .....</b>	<b>268,267</b>	<b>41,630</b>	<b>309,897</b>	<b>242,136</b>	<b>45,693</b>	<b>287,829</b>	<b>326,676</b>	<b>52,154</b>	<b>378,830</b>
45. Electric power generating plants, including water conveying and controlling structures .....	133,784	8,970	142,754	98,239	14,365	112,604	172,782	17,626	190,408
46. Electric transformer stations .....	17,276	4,115	21,391	18,148	1,771	19,919	20,273	1,899	22,172
47. Power transmission and distribution lines, trolley wires .....	108,684	25,953	134,637	117,305	25,248	142,553	124,837	28,369	153,206
48. Street lighting .....	8,523	2,592	11,115	8,444	4,309	12,753	8,784	4,260	13,044
<b>Railway, telephone and telegraph .....</b>	<b>117,278</b>	<b>62,693</b>	<b>179,971</b>	<b>126,817</b>	<b>65,303</b>	<b>192,120</b>	<b>134,091</b>	<b>70,943</b>	<b>205,034</b>
49. Railway tracks and roadbed .....	35,022	37,309	72,331	36,775	36,438	73,213	41,131	39,573	80,704
50. Signals and interlockers .....	3,565	5,290	8,855	3,485	4,855	8,340	4,971	5,291	10,262
51. Telegraph and telephone lines, underground and marine cables .....	78,691	20,094	98,785	86,557	24,010	110,567	87,989	26,079	114,068
<b>Gas and oil facilities .....</b>	<b>75,540</b>	<b>26,969</b>	<b>102,509</b>	<b>85,725</b>	<b>27,625</b>	<b>113,350</b>	<b>117,580</b>	<b>24,756</b>	<b>142,336</b>
52. Gas mains and services .....	36,027	2,913	38,940	23,986	2,292	26,278	35,024	2,359	37,383
53. Pumping stations, oil .....	500	349	849	1,448	524	1,972	6,679	480	7,159
54. Pumping stations, gas .....	1,013	214	1,227	1,138	228	1,366	1,509	37	1,546
55. Oil storage tanks .....	2,503	868	3,371	2,450	1,080	3,530	3,836	977	4,813
56. Gas storage tanks .....	1,666	512	2,178	246	5	251	327	6	333
57. Oil pipe lines .....	1,372	632	2,004	2,142	917	3,059	8,570	755	9,325
58. Gas pipe lines <sup>3</sup> .....	9,118	592	9,710	23,758	1,805	25,563	130	1,814	1,944
59. Oil and gas wells .....	4,661	776	5,437	2,904	654	3,558	3,049	726	3,775
61. Oil refinery - Processing units <sup>3</sup> .....	16,690	20,110	36,800	23,014	20,083	43,097	51,975	17,514	69,489
62. Natural gas cleaning plants .....	1,990	3	1,993	4,639	37	4,676	6,481	88	6,569
<b>Other engineering construction .....</b>	<b>183,833</b>	<b>24,544</b>	<b>208,377</b>	<b>211,428</b>	<b>23,741</b>	<b>235,169</b>	<b>365,403</b>	<b>24,903</b>	<b>390,306</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	36,726	5,283	42,009	39,531	7,766	47,297	53,246	8,700	61,946
64. Tunnels and subways .....	19,856	68	19,924	38,741	86	38,827	47,000	207	47,207
65. Incinerators .....	6	27	33	1,998	647	2,645	2,200	628	2,828
66. Park systems, landscaping, sodding, etc. ....	16,569	1,308	17,877	11,536	1,275	12,811	12,860	1,365	14,225
67. Swimming pools, tennis courts, outdoor recreation facilities .....	261	206	467	4,251	628	4,879	7,022	431	7,453
68. Mine shafts and other below surface workings .....	59,874	1,033	60,907	66,045	63	66,108	69,808	60	69,868
69. Fences, snowsheds, signs, guard rails .....	8,290	5,001	13,291	9,622	4,377	13,999	9,901	4,421	14,322
70. Other engineering construction <sup>3</sup> .....	42,251	11,618	53,869	39,704	8,899	48,603	163,366	9,091	172,457

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.



TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1969-71<sup>1,2,3</sup>

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>640,360</b>	<b>113,243</b>	<b>753,603</b>	<b>582,491</b>	<b>119,492</b>	<b>701,983</b>	<b>598,680</b>	<b>125,231</b>	<b>723,911</b>
<b>Total building construction .....</b>	<b>308,467</b>	<b>70,627</b>	<b>379,094</b>	<b>308,617</b>	<b>69,728</b>	<b>378,345</b>	<b>330,430</b>	<b>72,614</b>	<b>403,044</b>
<b>Residential .....</b>	<b>144,333</b>	<b>42,080</b>	<b>186,413</b>	<b>136,769</b>	<b>44,009</b>	<b>180,778</b>	<b>169,400</b>	<b>45,488</b>	<b>214,888</b>
<b>Industrial .....</b>	<b>48,907</b>	<b>8,178</b>	<b>57,085</b>	<b>38,837</b>	<b>7,874</b>	<b>46,711</b>	<b>43,745</b>	<b>7,695</b>	<b>51,440</b>
2. Factories, plants, workshops, food canneries .....	38,125	4,970	43,095	30,478	5,176	35,654	23,472	4,839	28,311
3. Mine and mine mill buildings .....	9,591	1,094	10,685	6,518	583	7,101	18,174	578	18,752
4. Railway stations, offices, roadway buildings .....	713	1,203	1,916	1,170	1,242	2,412	1,348	1,332	2,680
5. Railway shops, engine houses, water and fuel stations .....	478	911	1,389	671	873	1,544	751	946	1,697
<b>Commercial .....</b>	<b>50,738</b>	<b>9,725</b>	<b>60,463</b>	<b>53,773</b>	<b>8,070</b>	<b>61,843</b>	<b>33,606</b>	<b>8,364</b>	<b>41,970</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,366	1,446	5,812	5,729	1,176	6,905	5,272	1,242	6,514
7. Grain elevators .....	886	507	1,393	412	330	742	496	361	857
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,871	1,091	9,962	9,219	735	9,954	5,571	882	6,453
9. Office buildings .....	19,308	3,108	22,416	18,552	2,260	20,812	8,648	2,266	10,914
10. Stores, retail and wholesale .....	9,491	2,359	11,850	13,735	1,954	15,689	7,015	1,939	8,954
11. Garages and service stations .....	3,532	653	4,185	3,529	1,136	4,665	3,293	1,212	4,505
12. Theatres, arenas, amusement and recreational buildings .....	4,216	516	4,732	2,587	438	3,025	3,267	431	3,698
13. Laundries and dry cleaning establishments .....	68	45	113	10	41	51	44	31	75
<b>Institutional .....</b>	<b>46,403</b>	<b>4,618</b>	<b>51,021</b>	<b>62,595</b>	<b>3,906</b>	<b>66,501</b>	<b>59,793</b>	<b>4,937</b>	<b>64,730</b>
14. Schools and other educational buildings .....	35,891	2,766	38,657	42,166	2,438	44,604	41,467	3,346	44,813
15. Churches and other religious buildings .....	778	179	957	1,328	314	1,642	959	263	1,222
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	2,589	903	3,492	9,456	918	10,374	14,621	1,090	15,711
17. Other institutional buildings .....	7,145	770	7,915	9,645	236	9,881	2,746	238	2,984
<b>Other building construction .....</b>	<b>18,086</b>	<b>6,026</b>	<b>24,112</b>	<b>16,643</b>	<b>5,869</b>	<b>22,512</b>	<b>23,886</b>	<b>6,130</b>	<b>30,016</b>
18. Farm buildings (excluding dwellings) .....	11,845	3,946	15,791	10,266	3,434	13,700	10,672	3,560	14,232
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	2,295	490	2,785	1,166	620	1,786	1,338	486	1,824
20. Aeroplane hangars .....	661	259	920	1,237	265	1,502	254	311	565
21. Passenger terminals, bus, boat or air .....	685	106	791	1,330	12	1,342	10,550	14	10,564
22. Armouries, barracks, drill halls, etc. ....	25	215	240	30	260	290	20	324	344
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,163	48	1,211	961	113	1,074	94	68	162
24. Laboratories .....	607	275	882	645	379	1,024	408	410	818
25. Other building construction .....	805	687	1,492	1,008	786	1,794	550	957	1,507
<b>Total engineering construction .....</b>	<b>331,893</b>	<b>42,616</b>	<b>374,509</b>	<b>273,874</b>	<b>49,764</b>	<b>323,638</b>	<b>268,250</b>	<b>52,617</b>	<b>320,867</b>
<b>Marine construction .....</b>	<b>2,292</b>	<b>271</b>	<b>2,563</b>	<b>2,733</b>	<b>633</b>	<b>3,366</b>	<b>4,436</b>	<b>385</b>	<b>4,821</b>
26. Docks, wharves, piers, breakwaters .....	661	211	872	1,427	259	1,686	2,618	296	2,914
27. Retaining walls, embankments, riprapping .....	—	10	10	—	—	—	25	—	25
28. Canals and waterways .....	1,121	40	1,161	1,062	—	1,062	1,626	—	1,626
29. Dredging and pile driving .....	—	—	—	—	4	4	—	15	15
30. Dyke construction .....	510	3	513	244	350	594	167	54	221
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	—	7	7	—	20	20	—	20	20

See footnote(s) at end of table.

**TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure — Manitoba, 1969-71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>48,822</b>	<b>7,966</b>	<b>56,788</b>	<b>50,746</b>	<b>10,859</b>	<b>61,605</b>	<b>54,054</b>	<b>11,836</b>	<b>65,890</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	47,323	7,546	54,869	49,474	10,419	59,893	53,194	11,361	64,555
34. Parking lots .....	606	72	678	170	72	242	164	72	236
36. Sidewalks, paths .....	289	200	489	406	209	615	220	204	424
37. Aerodromes, landing fields, runways, tarmac .....	604	148	752	696	159	855	476	199	675
<b>Waterworks and sewage systems .....</b>	<b>20,252</b>	<b>3,259</b>	<b>23,511</b>	<b>16,624</b>	<b>4,372</b>	<b>20,996</b>	<b>20,676</b>	<b>4,337</b>	<b>25,013</b>
38. Tile drains, drainage ditches, storm sewers .....	4,086	1,067	5,153	1,396	379	1,775	1,234	394	1,628
39. Water mains, hydrants and services .....	4,842	1,347	6,189	6,852	2,912	9,764	5,787	3,086	8,873
40. Sewage systems and connections .....	8,121	751	8,872	6,808	692	7,500	8,856	540	9,396
41. Pumping stations, water .....	2,938	30	2,968	1,294	270	1,564	4,379	255	4,634
42. Water storage tanks .....	265	64	329	274	119	393	420	62	482
<b>Dams and irrigation .....</b>	<b>10,661</b>	<b>746</b>	<b>11,407</b>	<b>8,327</b>	<b>760</b>	<b>9,087</b>	<b>5,907</b>	<b>828</b>	<b>6,735</b>
43. Dams and reservoirs <sup>1</sup> .....	8,692	262	8,954	6,459	341	6,800	4,187	394	4,581
44. Irrigation and land reclamation projects .....	1,969	484	2,453	1,868	419	2,287	1,720	434	2,154
<b>Electric power construction .....</b>	<b>146,592</b>	<b>2,925</b>	<b>149,517</b>	<b>98,145</b>	<b>3,457</b>	<b>101,602</b>	<b>81,646</b>	<b>3,439</b>	<b>85,085</b>
45. Electric power generating plants, including water conveying and controlling structures .....	65,167	577	65,744	30,266	1,205	31,471	34,445	1,218	35,663
46. Electric transformer stations .....	1,319	396	1,715	2,205	919	3,124	2,891	177	3,068
47. Power transmission and distribution lines, trolley wires .....	78,940	1,243	80,183	64,663	1,244	65,907	42,348	1,244	43,592
48. Street lighting .....	1,166	709	1,875	1,011	89	1,100	1,962	800	2,762
<b>Railway, telephone and telegraph .....</b>	<b>26,156</b>	<b>16,863</b>	<b>43,019</b>	<b>24,305</b>	<b>18,375</b>	<b>42,680</b>	<b>25,626</b>	<b>20,841</b>	<b>46,467</b>
49. Railway tracks and roadbed .....	11,826	11,610	23,436	12,593	12,644	25,237	14,105	13,764	27,869
50. Signals and interlockers .....	860	1,331	2,191	1,085	1,647	2,732	1,199	1,787	2,986
51. Telegraph and telephone lines, underground and marine cables .....	13,470	3,922	17,392	10,627	4,084	14,711	10,322	5,290	15,612
<b>Gas and oil facilities .....</b>	<b>32,093</b>	<b>1,650</b>	<b>33,743</b>	<b>22,047</b>	<b>1,361</b>	<b>23,408</b>	<b>24,084</b>	<b>1,467</b>	<b>25,551</b>
52. Gas mains and services .....	3,312	626	3,938	3,725	523	4,248	4,396	523	4,919
53. Pumping stations, oil .....	59	181	240	1,382	108	1,490	4,519	111	4,630
54. Pumping stations, gas .....	—	8	8	1,661	32	1,693	180	—	180
55. Oil storage tanks .....	468	123	591	1,037	196	1,233	1,190	318	1,508
56. Gas storage tanks .....	224	—	224	33	—	33	23	—	23
57. Oil pipe lines .....	57	156	213	70	111	181	48	115	163
58. Gas pipe lines .....	20,607	8	20,615	12,336	22	12,358	12,111	—	12,111
59. Oil and gas wells .....	7,366	548	7,914	1,803	369	2,172	1,617	400	2,017
61. Oil refinery — Processing units <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
62. Natural gas cleaning plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>45,025</b>	<b>8,936</b>	<b>53,961</b>	<b>50,947</b>	<b>9,947</b>	<b>60,894</b>	<b>51,821</b>	<b>9,484</b>	<b>61,305</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,205	2,131	10,336	8,459	2,543	11,002	8,662	1,709	10,371
64. Tunnels and subways .....	255	5	260	314	1	315	509	1	510
65. Incinerators .....	—	3	3	332	74	406	3	75	78
66. Park systems, landscaping, sodding, etc. ....	856	862	1,718	1,372	243	1,615	2,596	305	2,901
67. Swimming pools, tennis courts, outdoor recreation facilities .....	8	19	27	1,079	315	1,394	1,404	329	1,733
68. Mine shafts and other below surface workings .....	27,346	1,291	28,637	33,406	1,261	34,667	30,509	1,412	31,921
69. Fences, snowsheds, signs, guard rails .....	2,146	856	3,002	3,147	810	3,957	3,020	1,090	4,110
70. Other engineering construction <sup>3</sup> .....	6,209	3,769	9,978	2,838	4,700	7,538	5,118	4,563	9,681

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.

**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>458,889</b>	<b>131,105</b>	<b>589,994</b>	<b>349,226</b>	<b>130,778</b>	<b>480,004</b>	<b>399,228</b>	<b>138,282</b>	<b>537,510</b>
<b>Total building construction .....</b>	<b>229,896</b>	<b>67,946</b>	<b>297,842</b>	<b>147,725</b>	<b>68,366</b>	<b>216,091</b>	<b>175,049</b>	<b>69,884</b>	<b>244,933</b>
<b>Residential .....</b>	<b>102,125</b>	<b>41,280</b>	<b>143,405</b>	<b>50,312</b>	<b>44,518</b>	<b>94,830</b>	<b>68,100</b>	<b>45,024</b>	<b>113,124</b>
<b>Industrial .....</b>	<b>15,667</b>	<b>4,368</b>	<b>20,035</b>	<b>10,923</b>	<b>3,764</b>	<b>14,687</b>	<b>6,894</b>	<b>3,913</b>	<b>10,807</b>
2. Factories, plants, workshops, food canneries .....	4,689	1,483	6,172	4,985	1,294	6,279	3,697	1,413	5,110
3. Mine and mine mill buildings .....	9,738	1,435	11,173	4,746	765	5,511	1,450	649	2,099
4. Railway stations, offices, roadway buildings .....	699	938	1,637	711	976	1,687	1,098	1,060	2,158
5. Railway shops, engine houses, water and fuel stations .....	541	512	1,053	481	729	1,210	649	791	1,440
<b>Commercial .....</b>	<b>40,380</b>	<b>8,137</b>	<b>48,517</b>	<b>34,438</b>	<b>7,262</b>	<b>41,700</b>	<b>26,858</b>	<b>6,799</b>	<b>33,657</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	4,779	804	5,583	4,061	673	4,734	3,855	671	4,526
7. Grain elevators .....	3,801	2,160	5,961	1,770	1,417	3,187	1,713	1,545	3,258
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,631	623	2,254	531	595	1,126	832	608	1,440
9. Office buildings .....	9,618	1,056	10,674	13,332	1,204	14,536	13,215	1,120	14,335
10. Stores, retail and wholesale .....	13,243	2,439	15,682	9,065	1,737	10,802	2,046	1,316	3,362
11. Garages and service stations .....	3,167	704	3,871	3,371	1,268	4,639	2,959	1,203	4,162
12. Theatres, arenas, amusement and recreational buildings .....	4,137	326	4,463	2,116	341	2,457	1,196	202	1,398
13. Laundries and dry cleaning establishments .....	4	25	29	192	27	219	1,042	134	1,176
<b>Institutional .....</b>	<b>40,899</b>	<b>5,440</b>	<b>46,339</b>	<b>29,630</b>	<b>4,142</b>	<b>33,772</b>	<b>47,681</b>	<b>5,489</b>	<b>53,170</b>
14. Schools and other educational buildings .....	29,755	2,842	32,597	22,913	1,431	24,344	33,087	3,490	36,577
15. Churches and other religious buildings .....	242	228	470	203	164	367	54	70	124
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	4,915	1,972	6,887	4,214	2,155	6,369	7,145	1,631	8,776
17. Other institutional buildings .....	5,987	398	6,385	2,300	392	2,692	7,395	298	7,693
<b>Other building construction .....</b>	<b>30,825</b>	<b>8,721</b>	<b>39,546</b>	<b>22,422</b>	<b>8,680</b>	<b>31,102</b>	<b>25,516</b>	<b>8,659</b>	<b>34,175</b>
18. Farm buildings (excluding dwellings) .....	18,918	7,628	26,546	17,260	6,906	24,166	19,064	7,649	26,713
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,631	199	1,830	217	813	1,030	1,550	173	1,723
20. Aeroplane hangars .....	83	91	174	331	93	424	994	69	1,063
21. Passenger terminals, bus, boat or air .....	10	9	19	95	34	129	285	33	318
22. Armouries, barracks, drill halls, etc. ....	99	460	559	144	410	554	158	365	523
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	54	83	137	177	50	227	44	42	86
24. Laboratories .....	180	22	202	137	33	170	728	37	765
25. Other building construction .....	9,850	229	10,079	4,061	341	4,402	2,693	291	2,984
<b>Total engineering construction .....</b>	<b>228,993</b>	<b>63,159</b>	<b>292,152</b>	<b>201,501</b>	<b>62,412</b>	<b>263,913</b>	<b>224,179</b>	<b>68,398</b>	<b>292,577</b>
<b>Marine construction .....</b>	<b>378</b>	<b>281</b>	<b>659</b>	<b>4,045</b>	<b>187</b>	<b>4,232</b>	<b>3,641</b>	<b>208</b>	<b>3,849</b>
26. Docks, wharves, piers, breakwaters .....	369	281	650	198	120	318	230	133	363
27. Retaining walls, embankments, riprapping .....	—	—	—	18	—	18	97	—	97
28. Canals and waterways .....	—	—	—	3,775	66	3,841	3,298	73	3,371
29. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
30. Dyke construction .....	—	—	—	—	—	—	2	1	3
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	9	—	9	54	1	55	14	1	15

See footnote(s) at end of table.



**TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1969 - 71<sup>1,2,3</sup> — Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>59,179</b>	<b>15,186</b>	<b>74,365</b>	<b>54,251</b>	<b>17,143</b>	<b>71,394</b>	<b>59,006</b>	<b>18,251</b>	<b>77,257</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	58,207	14,128	72,335	53,051	16,161	69,212	58,027	17,293	75,320
34. Parking lots .....	134	40	174	171	40	211	73	46	119
36. Sidewalks, paths .....	800	119	919	974	138	1,112	845	184	1,029
37. Aerodromes, landing fields, runways, tarmac .....	38	899	937	55	804	859	61	728	789
<b>Waterworks and sewage systems .....</b>	<b>14,598</b>	<b>5,145</b>	<b>19,743</b>	<b>15,366</b>	<b>4,604</b>	<b>19,970</b>	<b>14,406</b>	<b>4,737</b>	<b>19,143</b>
38. Tile drains, drainage ditches, storm sewers .....	2,125	825	2,950	1,858	743	2,601	2,076	822	2,898
39. Water mains, hydrants and services .....	5,206	2,374	7,580	3,467	1,820	5,287	4,729	1,836	6,565
40. Sewage systems and connections .....	5,402	1,144	6,546	9,092	1,040	10,132	5,970	1,049	7,019
41. Pumping stations, water .....	1,269	670	1,939	470	869	1,339	1,331	902	2,233
42. Water storage tanks .....	596	132	728	479	132	611	300	128	428
<b>Dams and irrigation .....</b>	<b>4,533</b>	<b>1,929</b>	<b>6,462</b>	<b>6,254</b>	<b>1,812</b>	<b>8,066</b>	<b>6,513</b>	<b>1,841</b>	<b>8,354</b>
43. Dams and reservoirs <sup>3</sup> .....	1,977	817	2,794	3,331	806	4,137	3,339	765	4,104
44. Irrigation and land reclamation projects .....	2,556	1,112	3,668	2,923	1,006	3,929	3,174	1,076	4,250
<b>Electric power construction .....</b>	<b>25,768</b>	<b>2,835</b>	<b>28,603</b>	<b>22,891</b>	<b>4,942</b>	<b>27,833</b>	<b>24,180</b>	<b>5,520</b>	<b>29,700</b>
45. Electric power generating plants, including water conveying and controlling structures .....	15,090	1,346	16,436	10,096	2,505	12,601	12,802	2,671	15,473
46. Electric transformer stations .....	2,705	343	3,048	3,531	380	3,911	3,480	521	4,001
47. Power transmission and distribution lines, trolley wires .....	6,897	995	7,892	7,899	1,878	9,777	6,652	2,133	8,785
48. Street lighting .....	1,076	151	1,227	1,365	179	1,544	1,246	195	1,441
<b>Railway, telephone and telegraph .....</b>	<b>14,478</b>	<b>13,488</b>	<b>27,966</b>	<b>16,743</b>	<b>11,944</b>	<b>28,687</b>	<b>20,884</b>	<b>13,705</b>	<b>34,589</b>
49. Railway tracks and roadbed .....	9,271	10,542	19,813	7,906	10,269	18,175	11,968	11,170	23,138
50. Signals and interlockers .....	759	1,108	1,867	931	1,384	2,315	1,069	1,504	2,573
51. Telegraph and telephone lines, underground and marine cables .....	4,448	1,838	6,286	7,906	291	8,197	7,847	1,031	8,878
<b>Gas and oil facilities .....</b>	<b>47,873</b>	<b>16,031</b>	<b>63,904</b>	<b>36,452</b>	<b>16,420</b>	<b>52,872</b>	<b>43,181</b>	<b>18,659</b>	<b>61,840</b>
52. Gas mains and services .....	1,449	990	2,439	2,149	1,500	3,649	1,680	1,461	3,141
53. Pumping stations, oil .....	367	114	481	1,664	418	2,082	13,436	446	13,882
54. Pumping stations, gas .....	11	70	81	2,919	85	3,004	375	—	375
55. Oil storage tanks .....	478	239	717	373	184	557	686	142	828
56. Gas storage tanks .....	38	—	38	136	—	136	92	—	92
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells .....	43,309	11,436	54,745	28,427	11,426	39,853	25,703	13,808	39,511
61. Oil refinery — Processing units .....	1,059	2,057	3,116	415	1,742	2,157	787	1,749	2,536
62. Natural gas cleaning plants .....	1,162	1,125	2,287	369	1,065	1,434	422	1,053	1,475
<b>Other engineering construction .....</b>	<b>62,186</b>	<b>8,264</b>	<b>70,450</b>	<b>45,499</b>	<b>5,360</b>	<b>50,859</b>	<b>52,368</b>	<b>5,477</b>	<b>57,845</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	2,304	847	3,151	5,907	1,030	6,937	4,417	1,054	5,471
64. Tunnels and subways .....	5	19	24	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	155	155	—	201	201
66. Park systems, landscaping, sodding, etc. ....	192	56	248	1,098	189	1,287	1,143	143	1,286
67. Swimming pools, tennis courts, outdoor recreation facilities .....	47	24	71	369	97	466	1,036	88	1,124
68. Mine shafts and other below surface workings .....	14,164	2,264	16,428	4,482	401	4,883	3,952	452	4,404
69. Fences, snowsheds, signs, guard rails .....	3,090	1,365	4,455	3,169	1,237	4,406	3,401	1,340	4,741
70. Other engineering construction <sup>3</sup> .....	42,384	3,689	46,073	30,474	2,251	32,725	38,419	2,199	40,618

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.

**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1969-71<sup>1,2,3</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,348,752</b>	<b>258,835</b>	<b>1,607,587</b>	<b>1,427,150</b>	<b>270,793</b>	<b>1,697,943</b>	<b>1,445,911</b>	<b>279,946</b>	<b>1,725,857</b>
<b>Total building construction .....</b>	<b>649,268</b>	<b>119,868</b>	<b>769,136</b>	<b>580,561</b>	<b>121,434</b>	<b>701,995</b>	<b>598,331</b>	<b>125,461</b>	<b>723,792</b>
<b>Residential .....</b>	<b>333,000</b>	<b>67,620</b>	<b>400,620</b>	<b>271,267</b>	<b>69,871</b>	<b>341,138</b>	<b>325,600</b>	<b>72,640</b>	<b>398,240</b>
<b>Industrial .....</b>	<b>30,236</b>	<b>7,404</b>	<b>37,640</b>	<b>22,777</b>	<b>7,414</b>	<b>30,191</b>	<b>25,664</b>	<b>7,119</b>	<b>32,783</b>
2. Factories, plants, workshops, food canneries ....	17,063	5,531	22,594	19,358	5,408	24,766	19,995	4,955	24,950
3. Mine and mine mill buildings .....	11,297	158	11,455	1,021	157	1,178	3,467	166	3,633
4. Railway stations, offices, roadway buildings .....	1,473	1,078	2,551	1,568	1,056	2,624	1,266	1,134	2,400
5. Railway shops, engine houses, water and fuel stations .....	403	637	1,040	830	793	1,623	936	864	1,800
<b>Commercial .....</b>	<b>112,504</b>	<b>18,067</b>	<b>130,571</b>	<b>124,109</b>	<b>18,677</b>	<b>142,786</b>	<b>76,908</b>	<b>18,815</b>	<b>95,723</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14,297	2,309	16,606	10,299	2,948	13,247	7,856	2,893	10,749
7. Grain elevators .....	2,225	1,237	3,462	812	780	1,592	969	887	1,856
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4,163	2,164	6,327	4,320	1,632	5,952	2,677	1,577	4,254
9. Office buildings .....	63,614	5,673	69,287	71,696	7,023	78,719	32,669	7,394	40,063
10. Stores, retail and wholesale .....	14,493	4,042	18,535	22,606	3,239	25,845	14,172	2,940	17,112
11. Garages and service stations .....	6,581	1,452	8,033	7,664	1,709	9,373	9,789	1,875	11,664
12. Theatres, arenas, amusement and recreational buildings .....	7,036	1,097	8,133	6,154	1,212	7,366	8,517	1,211	9,728
13. Laundries and dry cleaning establishments .....	95	93	188	558	134	692	259	38	297
<b>Institutional .....</b>	<b>110,841</b>	<b>13,050</b>	<b>123,891</b>	<b>112,059</b>	<b>12,429</b>	<b>124,488</b>	<b>105,584</b>	<b>13,126</b>	<b>118,710</b>
14. Schools and other educational buildings .....	84,127	7,830	91,957	86,180	7,722	93,902	77,460	8,482	85,942
15. Churches and other religious buildings .....	2,182	174	2,356	961	266	1,227	1,284	95	1,379
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	17,096	2,921	20,017	16,059	2,080	18,139	15,468	2,148	17,616
17. Other institutional buildings .....	7,436	2,125	9,561	8,859	2,361	11,220	11,372	2,401	13,773
<b>Other building construction .....</b>	<b>62,687</b>	<b>13,727</b>	<b>76,414</b>	<b>50,349</b>	<b>13,043</b>	<b>63,392</b>	<b>64,575</b>	<b>13,761</b>	<b>78,336</b>
18. Farm buildings (excluding dwellings) .....	39,803	10,692	50,495	36,214	9,709	45,923	37,671	10,101	47,772
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	8,988	947	9,935	2,368	1,124	3,492	6,533	1,318	7,851
20. Aeroplane hangars .....	365	473	838	2,373	196	2,569	55	230	285
21. Passenger terminals, bus, boat or air .....	1,346	84	1,430	2,140	—	2,140	12,380	—	12,380
22. Armouries, barracks, drill halls, etc. ....	312	411	723	382	436	818	299	446	745
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	632	101	733	564	128	692	269	101	370
24. Laboratories .....	2,782	79	2,861	3,354	84	3,438	2,627	87	2,714
25. Other building construction .....	8,459	940	9,399	2,954	1,366	4,320	4,741	1,478	6,219
<b>Total engineering construction .....</b>	<b>699,484</b>	<b>138,967</b>	<b>838,451</b>	<b>846,589</b>	<b>149,359</b>	<b>995,948</b>	<b>847,580</b>	<b>154,485</b>	<b>1,002,065</b>
<b>Marine construction .....</b>	<b>262</b>	<b>93</b>	<b>355</b>	<b>562</b>	<b>136</b>	<b>698</b>	<b>410</b>	<b>152</b>	<b>562</b>
26. Docks, wharves, piers, breakwaters .....	227	77	304	515	107	622	316	116	432
27. Retaining walls, embankments, riprapping .....	—	1	1	4	13	17	30	20	50
28. Canals and waterways .....	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving .....	27	15	42	33	16	49	26	16	42
30. Dyke construction .....	—	—	—	—	—	—	30	—	30
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	8	—	8	10	—	10	8	—	8

See footnote(s) at end of table.



**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1969-71<sup>1,2,3</sup>—Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>83,242</b>	<b>34,318</b>	<b>117,560</b>	<b>92,819</b>	<b>30,672</b>	<b>123,491</b>	<b>91,416</b>	<b>33,075</b>	<b>124,491</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	79,777	33,698	113,475	85,545	29,495	115,040	85,772	31,971	117,743
34. Parking lots .....	346	134	480	2,166	467	2,633	2,467	365	2,832
36. Sidewalks, paths .....	2,485	189	2,674	4,481	450	4,931	2,624	433	3,057
37. Aerodromes, landing fields, runways, tarmac .....	634	297	931	627	260	887	553	306	859
<b>Waterworks and sewage systems .....</b>	<b>34,997</b>	<b>4,690</b>	<b>39,687</b>	<b>41,329</b>	<b>6,029</b>	<b>47,358</b>	<b>37,783</b>	<b>6,027</b>	<b>43,810</b>
38. Tile drains, drainage ditches, storm sewers .....	4,621	1,167	5,788	4,097	1,069	5,166	4,546	1,113	5,659
39. Water mains, hydrants and services .....	10,767	2,501	13,268	12,997	3,438	16,435	9,527	3,456	12,983
40. Sewage systems and connections .....	18,111	635	18,746	22,598	976	23,574	21,822	1,024	22,846
41. Pumping stations, water .....	471	164	635	981	338	1,319	1,310	210	1,520
42. Water storage tanks .....	1,027	223	1,250	656	208	864	578	224	802
<b>Dams and irrigation .....</b>	<b>10,974</b>	<b>3,098</b>	<b>14,072</b>	<b>7,712</b>	<b>3,236</b>	<b>10,948</b>	<b>21,031</b>	<b>3,756</b>	<b>24,787</b>
43. Dams and reservoirs .....	2,250	504	2,754	2,089	543	2,632	10,900	555	11,455
44. Irrigation and land reclamation projects .....	8,724	2,594	11,318	5,623	2,693	8,316	10,131	3,201	13,332
<b>Electric power construction .....</b>	<b>46,581</b>	<b>6,312</b>	<b>52,893</b>	<b>48,523</b>	<b>7,351</b>	<b>55,874</b>	<b>66,291</b>	<b>8,241</b>	<b>74,532</b>
45. Electric power generating plants, including water conveying and controlling structures .....	20,086	594	20,680	20,832	1,602	22,434	33,399	2,046	35,445
46. Electric transformer stations .....	4,472	739	5,211	6,080	741	6,821	5,283	867	6,150
47. Power transmission and distribution lines, trolley wires .....	19,691	4,250	23,941	17,870	3,860	21,730	24,060	4,088	28,148
48. Street lighting .....	2,332	729	3,061	3,741	1,148	4,889	3,549	1,240	4,789
<b>Railway, telephone and telegraph .....</b>	<b>37,253</b>	<b>15,241</b>	<b>52,494</b>	<b>42,749</b>	<b>16,549</b>	<b>59,298</b>	<b>40,856</b>	<b>17,861</b>	<b>58,717</b>
49. Railway tracks and roadbed .....	13,636	11,490	25,126	18,834	12,135	30,969	13,086	13,155	26,241
50. Signals and interlockers .....	2,383	1,274	3,657	965	1,464	2,429	975	1,585	2,560
51. Telegraph and telephone lines, underground and marine cables .....	21,234	2,477	23,711	22,950	2,950	25,900	26,795	3,121	29,916
<b>Gas and oil facilities .....</b>	<b>423,506</b>	<b>65,244</b>	<b>488,750</b>	<b>517,450</b>	<b>64,132</b>	<b>581,582</b>	<b>532,055</b>	<b>66,998</b>	<b>599,053</b>
52. Gas mains and services .....	51,364	1,510	52,874	68,529	1,735	70,264	98,231	1,899	100,130
53. Pumping stations, oil .....	3,690	520	4,210	1,376	772	2,148	6,796	851	7,647
54. Pumping stations, gas .....	23,003	27	23,030	34,135	77	34,212	14,853	75	14,928
55. Oil storage tanks .....	2,325	450	2,775	4,300	220	4,520	6,318	220	6,538
56. Gas storage tanks .....	47	—	47	—	11	11	85	—	85
57. Oil pipe lines .....	20,277	1,967	22,244	13,208	1,491	14,699	8,213	1,414	9,627
58. Gas pipe lines .....	6,797	2,033	8,830	11,111	418	11,529	3,936	451	4,387
59. Oil and gas wells .....	258,695	36,363	295,058	236,198	27,681	263,879	247,375	28,365	275,740
61. Oil refinery—Processing units <sup>3</sup> .....	—	2,785	2,785	—	6,120	6,120	—	6,683	6,683
62. Natural gas cleaning plants .....	57,308	19,589	76,897	148,593	25,607	174,200	146,248	27,040	173,288
<b>Other engineering construction .....</b>	<b>62,669</b>	<b>9,971</b>	<b>72,640</b>	<b>95,445</b>	<b>21,254</b>	<b>116,699</b>	<b>57,738</b>	<b>18,375</b>	<b>76,113</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	22,764	4,282	27,046	19,398	4,842	24,240	23,926	5,111	29,037
64. Tunnels and subways .....	133	—	133	730	—	730	188	—	188
65. Incinerators .....	6	—	6	78	—	78	39	—	39
66. Park systems, landscaping, sodding, etc. ....	4,018	1,649	5,667	1,873	3,207	5,080	2,794	3,181	5,975
67. Swimming pools, tennis courts, outdoor recreation facilities ....	—	64	64	4,834	242	5,076	6,874	280	7,154
68. Mine shafts and other below surface workings .....	8,836	42	8,878	2,920	—	2,920	2,385	4	2,389
69. Fences, snowsheds, signs, guard rails .....	6,485	2,001	8,486	5,746	1,701	7,447	6,080	1,782	7,862
70. Other engineering construction <sup>3</sup> .....	20,427	1,933	22,360	59,866	11,262	71,128	15,452	8,017	23,469

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.



**TABLE 27. Total Value of Construction Work Performed — New and Repair by Type of Structure — British Columbia, 1969-71<sup>1,2,3,4</sup>**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	thousands of dollars								
<b>Total value of construction .....</b>	<b>1,532,622</b>	<b>263,936</b>	<b>1,796,558</b>	<b>1,553,255</b>	<b>253,239</b>	<b>1,806,494</b>	<b>1,938,865</b>	<b>271,245</b>	<b>2,210,110</b>
<b>Total building construction .....</b>	<b>902,591</b>	<b>163,822</b>	<b>1,066,413</b>	<b>838,937</b>	<b>157,200</b>	<b>996,137</b>	<b>1,024,643</b>	<b>164,624</b>	<b>1,189,267</b>
<b>Residential .....</b>	<b>476,187</b>	<b>98,670</b>	<b>574,857</b>	<b>463,131</b>	<b>101,244</b>	<b>564,375</b>	<b>566,000</b>	<b>105,435</b>	<b>671,435</b>
<b>Industrial .....</b>	<b>139,209</b>	<b>15,775</b>	<b>154,984</b>	<b>131,926</b>	<b>15,372</b>	<b>147,298</b>	<b>163,373</b>	<b>16,741</b>	<b>180,114</b>
2. Factories, plants, workshops, food canneries ....	74,897	12,610	87,507	84,716	11,352	96,068	72,504	13,115	85,619
3. Mine and mine mill buildings .....	61,521	1,108	62,629	43,789	1,846	45,635	86,742	1,282	88,024
4. Railway stations, offices, roadway buildings ....	1,555	1,280	2,835	2,063	1,239	3,302	2,708	1,333	4,041
5. Railway shops, engine houses, water and fuel stations .....	1,236	777	2,013	1,358	935	2,293	1,419	1,011	2,430
<b>Commercial .....</b>	<b>123,437</b>	<b>21,893</b>	<b>145,330</b>	<b>108,418</b>	<b>20,007</b>	<b>128,425</b>	<b>143,164</b>	<b>20,212</b>	<b>163,376</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	10,423	2,453	12,876	8,823	2,157	10,980	11,855	2,182	14,037
7. Grain elevators .....	535	438	973	81	674	755	626	634	1,260
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	15,139	3,065	18,204	15,365	2,852	18,217	16,961	2,407	19,368
9. Office buildings .....	44,592	6,205	50,797	37,983	6,013	43,996	55,885	6,677	62,562
10. Stores, retail and wholesale .....	27,209	5,066	32,275	16,766	4,148	20,914	32,796	4,326	37,122
11. Garages and service stations .....	18,189	2,685	20,874	18,555	2,118	20,673	16,644	2,131	18,775
12. Theatres, arenas, amusement and recreational buildings .....	7,149	1,850	8,999	10,605	1,970	12,575	8,143	1,795	9,938
13. Laundries and dry cleaning establishments .....	201	131	332	240	75	315	254	60	314
<b>Institutional .....</b>	<b>104,902</b>	<b>16,597</b>	<b>121,499</b>	<b>101,811</b>	<b>14,189</b>	<b>116,000</b>	<b>108,002</b>	<b>14,964</b>	<b>122,966</b>
14. Schools and other educational buildings .....	68,514	8,596	77,110	67,143	7,326	74,469	67,154	7,715	74,869
15. Churches and other religious buildings .....	1,542	504	2,046	2,671	339	3,010	957	185	1,142
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	21,239	1,933	23,172	22,093	4,151	26,244	28,052	4,479	32,531
17. Other institutional buildings .....	13,607	5,564	19,171	9,904	2,373	12,277	11,839	2,585	14,424
<b>Other building construction .....</b>	<b>58,856</b>	<b>10,887</b>	<b>69,743</b>	<b>33,651</b>	<b>6,388</b>	<b>40,039</b>	<b>44,104</b>	<b>7,272</b>	<b>51,376</b>
18. Farm buildings (excluding dwellings) .....	5,766	1,525	7,291	3,481	921	4,402	3,386	899	4,285
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3,986	807	4,793	5,285	961	6,246	9,954	1,040	10,994
20. Aeroplane hangars .....	6,388	553	6,941	5,836	60	5,896	1,507	57	1,564
21. Passenger terminals, bus, boat or air .....	1,076	122	1,198	1,923	68	1,991	2,020	107	2,127
22. Armouries, barracks, drill halls, etc. ....	1,386	372	1,758	1,398	259	1,657	1,355	283	1,638
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	6,296	1,626	7,922	7,006	1,220	8,226	6,164	1,469	7,633
24. Laboratories .....	3,147	64	3,211	2,660	241	2,901	3,959	280	4,239
25. Other building construction .....	30,811	5,818	36,629	6,062	2,658	8,720	15,759	3,137	18,896
<b>Total engineering construction .....</b>	<b>630,031</b>	<b>100,114</b>	<b>730,145</b>	<b>714,318</b>	<b>96,039</b>	<b>810,357</b>	<b>914,222</b>	<b>106,621</b>	<b>1,020,843</b>
<b>Marine construction .....</b>	<b>20,533</b>	<b>5,367</b>	<b>25,900</b>	<b>18,486</b>	<b>4,054</b>	<b>22,540</b>	<b>30,353</b>	<b>3,517</b>	<b>33,870</b>
26. Docks, wharves, piers, breakwaters .....	9,142	3,418	12,560	8,034	2,300	10,334	14,987	1,900	16,887
27. Retaining walls, embankments, riprapping .....	2,555	19	2,574	1,750	53	1,803	1,466	27	1,493
28. Canals and waterways .....	1,836	39	1,875	339	17	356	329	22	351
29. Dredging and pile driving <sup>3</sup> .....	3,644	1,446	5,090	3,378	1,082	4,460	6,928	1,088	8,016
30. Dyke construction .....	40	9	49	3,084	61	3,145	4,632	6	4,638
31. Logging booms .....	467	379	846	324	468	792	348	415	763
32. Other marine construction <sup>3</sup> .....	2,849	57	2,906	1,577	73	1,650	1,663	59	1,722

See footnote(s) at end of table.

**TABLE 27. Total Value of Construction Work Performed—New and Repair by Type of Structure—British Columbia, 1969-71<sup>1,2,3,4</sup>—Concluded**

Type of structure	1969			1970			1971		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>153,479</b>	<b>35,468</b>	<b>188,947</b>	<b>142,645</b>	<b>38,745</b>	<b>181,390</b>	<b>136,528</b>	<b>41,743</b>	<b>178,271</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	145,242	34,990	180,232	134,318	38,070	172,388	128,431	41,040	169,471
34. Parking lots .....	1,632	171	1,803	1,636	254	1,890	1,589	267	1,856
36. Sidewalks, paths .....	1,598	292	1,890	1,653	410	2,063	1,619	422	2,041
37. Aerodromes, landing fields, runways, tarmac .....	5,007	15	5,022	5,038	11	5,049	4,889	14	4,903
<b>Waterworks and sewage systems .....</b>	<b>32,410</b>	<b>4,589</b>	<b>36,999</b>	<b>38,745</b>	<b>4,556</b>	<b>43,301</b>	<b>57,257</b>	<b>4,641</b>	<b>61,898</b>
38. Tile drains, drainage ditches, storm sewers .....	987	196	1,183	795	163	958	942	193	1,135
39. Water mains, hydrants and services .....	11,741	1,956	13,697	10,487	1,793	12,280	16,832	1,912	18,744
40. Sewage systems and connections .....	14,268	1,883	16,151	24,622	2,110	26,732	34,505	2,046	36,551
41. Pumping stations, water .....	4,281	483	4,764	1,876	412	2,288	3,580	405	3,985
42. Water storage tanks .....	1,133	71	1,204	965	78	1,043	1,398	85	1,483
<b>Dams and irrigation .....</b>	<b>6,127</b>	<b>439</b>	<b>6,566</b>	<b>7,435</b>	<b>409</b>	<b>7,844</b>	<b>11,479</b>	<b>393</b>	<b>11,872</b>
43. Dams and reservoirs .....	5,363	238	5,601	1,615	288	1,903	4,712	274	4,986
44. Irrigation and land reclamation projects .....	764	201	965	5,820	121	5,941	6,767	119	6,886
<b>Electric power construction .....</b>	<b>139,626</b>	<b>11,357</b>	<b>150,983</b>	<b>184,277</b>	<b>10,439</b>	<b>194,716</b>	<b>217,353</b>	<b>10,953</b>	<b>228,306</b>
45. Electric power generating plants, including water conveying and controlling structures .....	84,920	4,287	89,207	112,058	2,926	114,984	134,949	2,839	137,788
46. Electric transformer stations .....	1,264	134	1,398	4,092	97	4,189	6,728	107	6,835
47. Power transmission and distribution lines, trolley wires .....	51,670	6,579	58,249	66,208	6,895	73,103	73,491	7,443	80,934
48. Street lighting .....	1,772	357	2,129	1,919	521	2,440	2,185	564	2,749
<b>Railway, telephone and telegraph .....</b>	<b>63,921</b>	<b>20,567</b>	<b>84,488</b>	<b>79,582</b>	<b>20,588</b>	<b>100,170</b>	<b>80,943</b>	<b>22,223</b>	<b>103,166</b>
49. Railway tracks and roadbed .....	40,339	14,360	54,699	50,145	13,918	64,063	49,858	15,088	64,946
50. Signals and interlockers .....	1,833	1,255	3,088	1,075	1,621	2,696	1,266	1,759	3,025
51. Telegraph and telephone lines, underground and marine cables .....	21,749	4,952	26,701	28,362	5,049	33,411	29,819	5,376	35,195
<b>Gas and oil facilities .....</b>	<b>104,232</b>	<b>10,656</b>	<b>114,888</b>	<b>131,452</b>	<b>10,490</b>	<b>141,942</b>	<b>177,832</b>	<b>12,668</b>	<b>190,500</b>
52. Gas mains and services .....	10,336	1,355	11,691	13,318	1,268	14,586	22,183	1,380	23,563
53. Pumping stations, oil .....	590	428	1,018	1,121	584	1,705	2,967	716	3,683
54. Pumping stations, gas .....	714	—	714	11,487	687	12,174	12,847	762	13,609
55. Oil storage tanks .....	1,948	333	2,281	2,423	211	2,634	2,088	199	2,287
56. Gas storage tanks .....	250	—	250	2,495	34	2,529	404	43	447
57. Oil pipe lines .....	998	702	1,700	339	459	798	245	602	847
58. Gas pipe lines <sup>3</sup> .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells .....	75,585	3,373	78,958	88,357	3,892	92,249	111,256	4,867	116,123
61. Oil refinery—Processing units .....	10,667	4,186	14,853	4,724	3,280	8,004	11,275	3,898	15,173
62. Natural gas cleaning plants .....	3,144	279	3,423	7,188	75	7,263	14,567	201	14,768
<b>Other engineering construction .....</b>	<b>109,703</b>	<b>11,671</b>	<b>121,374</b>	<b>111,696</b>	<b>6,758</b>	<b>118,454</b>	<b>202,477</b>	<b>10,483</b>	<b>212,960</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	26,995	5,031	32,026	19,295	1,763	21,058	28,826	4,950	33,776
64. Tunnels and subways .....	597	—	597	—	—	—	—	—	—
65. Incinerators .....	64	—	64	10	28	38	236	5	241
66. Park systems, landscaping, sodding, etc. ....	1,685	539	2,224	2,130	318	2,448	2,086	186	2,272
67. Swimming pools, tennis courts, outdoor recreation facilities .....	346	393	739	2,554	538	3,092	3,196	557	3,753
68. Mine shafts and other below surface workings .....	49,440	327	49,767	61,007	431	61,438	72,232	264	72,496
69. Fences, snowsheds, signs, guard rails .....	1,754	1,354	3,108	959	321	1,280	851	335	1,186
70. Other engineering construction <sup>3</sup> .....	28,822	4,027	32,849	25,741	3,359	29,100	95,050	4,186	99,236

<sup>1</sup> Actual 1969, preliminary 1970, intentions 1971.

<sup>2</sup> See footnotes Table 6.

<sup>3</sup> See footnote 2, Table 6.

<sup>4</sup> British Columbia includes Northwest Territories and Yukon.



## STATISTICAL NOTES

### Sources

The statistics presented in this report are based on information received from organizations and individuals paying for the work done and on information received from contractors performing the work.

The data on the value of construction by type of structure is the result of two separate surveys:

- (a) The capital expenditures survey which obtains information from business firms, institutions and government-owned enterprises.
- (b) The construction survey of government departments which provides much of the remainder.

In both these surveys respondents report their total expenditures on new and repair construction, by type of structure, additional to a breakdown of these totals into value of work done by contract and by own labour force.

The data on labour and materials input are based on the survey of contractors and sub-contractors and on the censuses of mechanical and electrical special trade contractors.

Respondents report volume of work performed and its input components, as well as further data on type of work, labour force, and capital expenditures.

### Methods and Coverage

(i) Of the total value of construction shown, about 83.9 per cent was reported in **capital spending surveys** of business firms, institutions, government enterprises and departments and residential building activity. The remainder is estimated.

A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see page 22 of the report *Private and Public Investment in Canada, Outlook 1971*.

To approximate full coverage adjustments are made to the surveyed data to allow for non-reporting firms.

In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments for the most recent year available of all the firms in each industry by the corresponding total for the firms reporting in the current surveys. The use of shipments as related indicator provides a framework of analysis in the estimation procedures to take account of relevant industry characteristics such as the size of firms. In the utilities, trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by establishments for which no production or other basic data are available are included as "net additions". It is believed that the estimating procedures for non-reporting firms and the sectors not covered by direct survey does not introduce any great margin of error into the total.

The large sample size reduces the standard error of estimate, which will vary for specific structures, regions and industries depending on individual coverage.

Both the 1970 preliminary actual expenditures and the 1971 forecast expenditures were reported by business establishments on the same questionnaire form. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1970 to 1971 can be calculated with more accuracy than the absolute magnitude of expenditures in the two years.

The data on 1971 construction expenditures are aggregates of the intentions of the individual respondents. These estimates are therefore subject to different realization caused by several internal and external factors such as business outlook, government policy, price trends, strikes and shortages.

Finally, the capital expenditure surveys provide own account data.

(ii) The **contractor surveys** provide the ratios on which labour and materials content calculations are based. In volume terms coverage in the 1969 contractor survey was 55.0 per cent.

Number of employees are arrived at by dividing the labour content by annual average wage rates which were projected from 1963 contractor survey data.

Data on labour value are understated for the years 1970 and 1971 since ratio of labour content in the survey year was not adjusted to reflect wage increases, this also has a lowering effect on the man years figure.

(iii) **Housing estimates** were made on a different basis from those derived from information submitted directly by business or government. For 1969 and 1970, estimates of the volume of residential con-

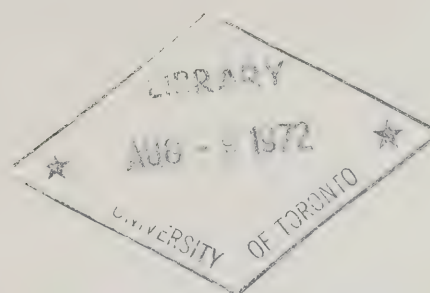


struction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by the Dominion Bureau of Statistics. Appraisals of the probable volume of housing construction in 1971 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates

of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of new residential construction work performed and alterations and repair work likely to be undertaken in 1971.

# Construction in Canada

1970-72







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# INTRODUCTION

This report contains data on the total value of construction put in place during 1970 and 1971 and on intended construction expenditures for 1972. The information presented for 1971 is preliminary whereas that shown for 1970 and earlier years is final.

For the larger part the contents of *Construction in Canada* are based on the Statistics Canada capital expenditure survey. From the same source an earlier report *Private and Public Investment in Canada, Outlook 1972* is published. *Private and*

*Public Investment* reports the total capital outlays program including machinery and equipment, whereas *Construction in Canada* emphasizes the construction activity and reports a further detail of construction performed by 70 different types of structure. Additionally, statistics on labour and materials input are supplied based on the Statistics Canada contractor survey, and on the censuses of mechanical and electrical trade contractors, and highway, roads and bridge general contractors.

## DEFINITIONS

**Construction** is defined as the creation, renovation, repair and demolition of immobile structures and the alteration of the natural topography of the ground.

**Construction activity** consists of the output of the **construction industry** plus the output of construction labour forces in other industries.

The **construction industry** is defined as the work performed by establishments primarily engaged in construction on a contract basis. Contract construction in the construction industry is executed by general contractors and special trade contractors. This publication reports "Dollar value" of construction work performed (or put in place) for the construction activity in Canada, as estimated on the basis of surveys (see Statistical Notes, Sources). Included is (1) work performed by the **construction industry** designated as "Contract construction" (Table 2, p. 7) or "Contractors" (Table 8, page 12) and (2) work performed by construction labour forces in other than the construction industry, designated as "Own account" or "Other construction" (Table 2, p. 7) or "Utilities—Governments—Miscellaneous" (Table 8, p. 12).

**New construction** comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended beyond its normal life expectancy.

**Repair construction** consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

**Structures**—The construction value, and the structures that this is broken down into, includes all costs incurred directly or indirectly in the construction of the structure. In the independently recognizable structures the value of all permanently built-in equipment forming an integral part of the structure is included, as well as the cost of site preparation and land improvement. The purchase value of land and existing buildings is excluded.

**Labour content**—The Labour Series as published in *Construction in Canada* is intended to reflect the labour content in terms of "value" and "number" of a specific volume of construction. The "value" is gross payroll and the "number" is an estimate of the total number of persons, employers, own account and paid workers engaged in construction activity, expressed in terms of equivalent man years.

**Materials content** is the cost of materials installed portion of the value of work performed. The residual difference between value of work performed and cost of labour and materials is all other costs and profit.

## GENERAL REVIEW

Actual construction volumes for 1970 and 1971 amounted to 13.8 and 15.6 billion. This volume is expected to increase to 16.3 billion in 1972. The construction program anticipated for 1972 exceeds the 1971 volume by 0.7 billion or 4.4%, which compares with increases of 4.3% and 13.5% realized in 1970 and 1971. The increase for 1971 is higher than the 11.7% that was anticipated last year for 1971 and amounts in terms of constant dollar volume to an increase of 7.9%.

The industry sectors with the strongest growth for 1972 are expected to be commercial services with 19.5%, forestry with 16.2% and trade with 11.5%. Among the provinces, all except British Columbia project increases for 1972, with notable advances of 17.0% in Prince Edward Island, 13.0% in Nova Scotia and 11.7% in New Brunswick.

In 1972, new construction is estimated to be up 4.4% while the repair portion shows an increase of 4.7%. The proportion of the complete 1972 program to be performed under contract is slightly lower at 76.9% for 1972, although fairly consistent with the 77.5% in 1971. The value of engineering type construction at 42.0% of the total expected volume for 1972 is up 5.6% over 1971, and the building activity portion (58.0%) is up 3.6% over the year before. The residential structures section recorded an increase of 20.5% in 1971, providing most of the strength to the significant increase in total construction work done for that year. For 1972, this structure group is still increasing but at a lower rate of 7.4%.

The only other building structure group with an increase for 1972 is commercial structures, which is up by 9.7%. Most engineering structure groups are up for 1972, creating an overall increase in engineering construction of 5.6%.

**TABLE A. Total Value of Construction Work Performed — Percentage Variation from Year to Year  
in Terms of Current and Constant Dollars, 1963 - 72<sup>1,2,3</sup>**

Year	Current dollars		Constant 1961 dollars	
	Amount	Variation	Amount	Variation
	\$ mill	%	\$ mill	%
1963 .....	7,715	5.1	7,454	2.4
1964 .....	8,662	12.3	8,181	9.8
1965 .....	9,929	14.6	8,785	7.4
1966 .....	11,235	13.2	9,331	6.2
1967 .....	11,620	3.4	9,594	2.8
1968 .....	12,214	5.1	9,807	2.2
1969 .....	13,207	8.1	10,075	2.7
1970 .....	13,781	4.3	10,115	0.4
1971 .....	15,647	13.5	10,915	7.9
1972 .....	16,341	4.4	—	—

See footnote(s) on page 44.

**TABLE B. Capital and Repair Expenditures — Summary by Sectors, Canada, 1970 - 72<sup>1,4,5,6,7,8</sup>**

Type of enterprise		Capital expenditures			Repair expenditures			Capital and repair expenditures		
		Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Sub-total	Construc- tion	Machinery and equipment	Total
		millions of dollars								
Agriculture and fishing .....	1970	225	615	840	89	232	321	314	847	1,161
	1971	225	748	973	89	259	348	314	1,007	1,321
	1972	224	793	1,017	88	262	350	312	1,055	1,367
Forestry .....	1970	48	42	90	15	68	83	63	110	173
	1971	44	41	85	16	68	84	60	109	169
	1972	52	51	103	17	70	87	69	121	190
Mining, quarrying and oil wells <sup>5,7</sup> .....	1970	996	352	1,348	137	343	480	1,133	695	1,828
	1971	1,291	414	1,705	132	358	490	1,423	772	2,195
	1972	1,225	433	1,658	137	368	505	1,362	801	2,163
Manufacturing .....	1970	997	2,226	3,223	213	1,204	1,417	1,210	3,430	4,640
	1971	877	2,072	2,949	207	1,222	1,429	1,084	3,294	4,378
	1972	809	2,068	2,877	225	1,271	1,496	1,034	3,339	4,373
Utilities <sup>6</sup> .....	1970	2,044	1,584	3,628	375	843	1,218	2,419	2,427	4,846
	1971	2,321	1,654	3,975	398	864	1,262	2,719	2,518	5,237
	1972	2,453	1,766	4,219	430	917	1,347	2,883	2,683	5,566
Construction industry .....	1970	15	259	274	6	222	228	21	481	502
	1971	16	275	291	6	236	242	22	511	533
	1972	17	283	300	7	243	250	24	526	550
Housing .....	1970	3,138	—	3,138	871	—	871	4,009	—	4,009
	1971	3,929	—	3,929	899	—	899	4,828	—	4,828
	1972	4,254	—	4,254	930	—	930	5,184	—	5,184
Trade — Wholesale and retail .....	1970	210	335	545	78	69	147	288	404	692
	1971	172	315	487	60	66	126	232	381	613
	1972	197	352	549	61	66	127	258	418	676
Finance, insurance and real estate .....	1970	419	138	557	43	14	57	462	152	614
	1971	469	141	610	43	14	57	512	155	667
	1972	508	144	652	45	15	60	553	159	712
Commercial services .....	1970	131	512	643	23	96	119	154	608	762
	1971	173	534	707	24	92	116	197	626	823
	1972	210	638	848	25	97	122	235	735	970
Institutional services.....	1970	1,095	216	1,311	105	29	134	1,200	245	1,445
	1971	1,180	230	1,410	117	32	149	1,297	262	1,559
	1972	1,129	233	1,362	131	34	165	1,260	267	1,527
Government departments <sup>6,8</sup> .....	1970	2,001	200	2,201	506	86	592	2,507	286	2,793
	1971	2,417	250	2,667	542	89	631	2,959	339	3,298
	1972	2,607	314	2,921	559	99	658	3,166	413	3,579
Totals .....	1970	11,319	6,479	17,798	2,461	3,206	5,667	13,780	9,685	23,465
	1971	13,114	6,674	19,788	2,533	3,300	5,833	15,647	9,974	25,621
	1972	13,685	7,075	20,760	2,655	3,442	6,097	16,340	10,517	26,857

See footnote(s) on page 44.



**TABLE 1. Total Value of Construction Work Performed — Current and Constant Dollars by New and Repair, 1963 -72<sup>1,2</sup>**

Year	New		Repair		Total		Total construction as percentage of Gross National Expenditure	
	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars	Current dollars	Constant 1961 dollars
	millions of dollars						per cent	
1963 .....	6,156	5,936	1,559	1,518	7,715	7,454	17.0	16.9
1964 .....	7,032	6,617	1,630	1,564	8,662	8,181	17.4	17.4
1965 .....	8,175	7,254	1,754	1,531	9,929	8,785	18.1	17.5
1966 .....	9,281	7,744	1,954	1,587	11,235	9,331	18.3	17.4
1967 .....	9,474	7,873	2,146	1,721	11,620	9,594	17.7	17.3
1968 .....	9,909	7,982	2,305	1,825	12,214	9,807	17.1	16.8
1969 .....	10,825	8,305	2,382	1,770	13,207	10,075	16.8	16.5
1970 .....	11,320	8,400	2,461	1,715	13,781	10,115	16.3	16.0
1971 .....	13,112	9,222	2,535	1,693	15,647	10,915	17.0	16.4
1972 .....	13,686		2,655		16,341			

See footnote(s) on page 44.

**TABLE 2. Total Value of Construction Work Performed — Contractors and Others<sup>2</sup> by New and Repair, 1968 -72<sup>1</sup>**

Year	Contract construction			Other construction <sup>2</sup>			Total construction		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
	millions of dollars								
1968 .....	8,675	1,260	9,935	1,234	1,045	2,279	9,909	2,305	12,214
1969 .....	9,134	1,387	10,521	1,691	995	2,686	10,825	2,382	13,207
1970 .....	9,356	1,471	10,827	1,964	990	2,954	11,320	2,461	13,781
1971 .....	10,650	1,479	12,129	2,462	1,056	3,518	13,112	2,535	15,647
1972 .....	11,022	1,549	12,571	2,664	1,106	3,770	13,686	2,655	16,341

See footnote(s) on page 44.

**TABLE 3. Total Value of Construction Work Performed — Principal Type of Construction, 1968 -72<sup>1,2</sup>**

Type of construction	1968		1969		1970		1971		1972	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%	\$ mill	%
<b>Total construction .....</b>	<b>12,214</b>	<b>100.0</b>	<b>13,207</b>	<b>100.0</b>	<b>13,781</b>	<b>100.0</b>	<b>15,647</b>	<b>100.0</b>	<b>16,341</b>	<b>100.0</b>
<b>Total building construction .....</b>	<b>7,258</b>	<b>59.4</b>	<b>8,055</b>	<b>61.0</b>	<b>8,098</b>	<b>58.8</b>	<b>9,143</b>	<b>58.4</b>	<b>9,471</b>	<b>58.0</b>
Residential .....	3,587	29.3	4,228	32.0	4,008	29.1	4,828	30.8	5,184	31.7
Industrial .....	744	6.1	869	6.6	1,000	7.3	1,027	6.6	908	5.6
Commercial .....	1,146	9.4	1,152	8.7	1,287	9.3	1,345	8.6	1,475	9.0
Institutional .....	1,379	11.3	1,334	10.1	1,330	9.7	1,474	9.4	1,447	8.9
Other building .....	402	3.3	472	3.6	473	3.4	469	3.0	457	2.8
<b>Total engineering .....</b>	<b>4,956</b>	<b>40.6</b>	<b>5,152</b>	<b>39.0</b>	<b>5,683</b>	<b>41.2</b>	<b>6,504</b>	<b>41.6</b>	<b>6,870</b>	<b>42.0</b>
Marine .....	134	1.1	166	1.3	145	1.1	146	0.9	201	1.2
Road, highway and aerodrome construction .....	1,186	9.7	1,255	9.5	1,280	9.3	1,422	9.1	1,510	9.2
Waterworks and sewage systems .....	403	3.3	398	3.0	488	3.5	629	4.0	664	4.1
Dams and irrigation .....	230	1.9	69	0.5	58	0.4	78	0.5	69	0.4
Electric power construction .....	825	6.7	1,005	7.6	1,224	8.9	1,308	8.4	1,282	7.8
Railway, telephone and telegraph construction ....	524	4.3	525	4.0	568	4.1	608	3.9	639	3.9
Gas and oil facilities .....	901	7.4	966	7.3	1,094	7.9	1,302	8.3	1,385	8.5
Other engineering construction .....	753	6.2	768	5.8	826	6.0	1,011	6.5	1,120	6.9

See footnote(s) on page 44.

**TABLE 4. Total Value of Construction Work Performed - Principal Type of Construction by Industry, 1970-72<sup>1,5,7</sup>**

Industry	1970			1971			1972		
	Building	Engineering	Total	Building	Engineering	Total	Building	Engineering	Total
thousands of dollars									
<b>Totals</b> .....	<b>8,098,287</b>	<b>5,682,931</b>	<b>13,781,218</b>	<b>9,143,502</b>	<b>6,503,864</b>	<b>15,647,366</b>	<b>9,471,431</b>	<b>6,869,483</b>	<b>16,340,914</b>
Agriculture and fishing .....	204,165	110,259	314,424	203,995	110,143	314,138	202,888	109,549	312,437
Forestry .....	7,121	55,663	62,784	5,445	54,110	59,555	6,811	62,404	69,215
Mining, quarrying and oil wells <sup>5,7</sup> .....	165,225	968,139	1,133,364	297,059	1,126,489	1,423,548	247,733	1,114,012	1,361,745
Construction .....	20,637	363	21,000	21,627	373	22,000	23,584	416	24,000
Manufacturing .....	850,769	360,225	1,210,994	723,582	360,891	1,084,473	618,496	416,575	1,035,071
Utilities .....	262,789	2,157,559	2,420,348	208,592	2,510,447	2,719,039	211,610	2,670,479	2,882,089
Trade - Wholesale and retail .....	277,828	10,257	288,085	223,878	7,930	231,808	247,563	10,818	258,381
Finance, insurance and real estate .....	455,628	6,797	462,425	501,932	9,830	511,762	533,984	18,957	552,941
Commercial services .....	149,530	3,269	152,799	195,511	1,493	197,004	234,825	658	235,483
Housing .....	4,008,500	-	4,008,500	4,828,000	-	4,828,000	5,183,700	-	5,183,700
Institutional services .....	1,186,490	13,156	1,199,646	1,284,691	12,557	1,297,248	1,246,033	14,171	1,260,204
Government departments .....	509,605	1,997,244	2,506,849	649,190	2,309,601	2,958,791	714,204	2,451,444	3,165,648

See footnote(s) on page 44.

**TABLE 5. Total Value of Construction Work Performed - Dollar and Percentage Variation by Principal Type of Construction by Industry, 1970-72<sup>1,5,7</sup>**

Industry	Variation 1970 to 1971						Variation 1971 to 1972					
	Building		Engineering		Total		Building		Engineering		Total	
	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%	\$ Mill	%
<b>Totals</b> .....	<b>1,045</b>	<b>12.9</b>	<b>821</b>	<b>14.4</b>	<b>1,866</b>	<b>13.5</b>	<b>328</b>	<b>3.6</b>	<b>366</b>	<b>5.6</b>	<b>694</b>	<b>4.4</b>
Agriculture and fishing .....	-	- 0.1	-	- 0.1	-	- 0.1	- 1	- 0.5	- 1	- 0.5	- 2	- 0.5
Forestry .....	- 2	- 23.5	- 1	- 2.8	- 3	- 5.1	2	25.1	8	15.3	10	16.2
Mining, quarrying and oil wells <sup>5,7</sup> .....	132	79.8	158	16.4	290	25.6	- 50	- 16.6	- 12	- 1.1	- 62	- 4.3
Construction .....	1	4.8	-	2.8	1	4.8	2	9.0	-	11.5	2	9.1
Manufacturing .....	- 127	- 14.9	-	0.2	- 127	- 10.4	- 105	- 14.5	56	15.4	- 49	- 4.6
Utilities .....	- 54	- 20.6	353	16.4	299	12.3	3	1.4	160	6.4	163	6.0
Trade - Wholesale and retail .....	- 54	- 19.4	- 2	- 22.7	- 56	- 19.5	24	10.6	3	36.4	27	11.5
Finance, insurance and real estate .....	46	10.2	3	44.6	49	10.7	32	6.4	9	92.8	41	8.0
Commercial services .....	46	30.7	- 2	- 54.3	44	28.9	39	20.1	- 1	- 55.9	38	19.5
Housing .....	819	20.4	-	-	819	20.4	356	7.4	-	-	356	7.4
Institutional services .....	98	8.3	-	- 4.6	98	8.1	- 39	- 3.0	2	12.9	- 37	- 2.9
Government departments .....	140	27.4	312	15.6	452	18.0	65	10.0	142	6.1	207	7.0

See footnote(s) on page 44.

TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1968-72 <sup>1,10,11,12</sup>

Type of structure	1968	1969	1970	1971	1972
thousands of dollars					
<b>Total value of construction .....</b>	<b>12, 213, 655</b>	<b>13, 207, 409</b>	<b>13, 781, 218</b>	<b>15, 647, 366</b>	<b>16, 340, 914</b>
<b>Total building construction .....</b>	<b>7, 257, 649</b>	<b>8, 055, 462</b>	<b>8, 098, 287</b>	<b>9, 143, 502</b>	<b>9, 471, 431</b>
<b>Residential .....</b>	<b>3, 586, 757</b>	<b>4, 227, 857</b>	<b>4, 008, 500</b>	<b>4, 828, 000</b>	<b>5, 183, 700</b>
<b>Industrial .....</b>	<b>743, 761</b>	<b>869, 135</b>	<b>1, 000, 210</b>	<b>1, 027, 622</b>	<b>908, 277</b>
2. Factories, plants, workshops, food canneries .....	576, 926	689, 510	847, 709	744, 858	641, 439
3. Mine and mine mill buildings .....	134, 204	142, 194	111, 178	247, 058	231, 368
4. Railway stations, offices, roadway buildings .....	20, 093	22, 366	25, 760	22, 101	21, 865
5. Railway shops, engine houses, water and fuel stations .....	12, 538	15, 065	15, 563	13, 605	13, 605
<b>Commercial .....</b>	<b>1, 145, 888</b>	<b>1, 151, 841</b>	<b>1, 286, 563</b>	<b>1, 344, 900</b>	<b>1, 475, 388</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	141, 483	111, 791	88, 097	88, 423	96, 920
7. Grain elevators .....	17, 137	13, 113	7, 946	8, 141	12, 852
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	78, 626	77, 628	92, 842	142, 968	186, 278
9. Office buildings .....	489, 016	511, 997	617, 823	618, 073	609, 174
10. Stores, retail and wholesale .....	232, 982	261, 046	273, 198	280, 899	321, 840
11. Garages and service stations <sup>10</sup> .....	86, 354	97, 190	117, 444	101, 025	127, 328
12. Theatres, arenas, amusement and recreational buildings .....	96, 120	76, 507	86, 190	102, 577	118, 508
13. Laundries and dry cleaning establishments .....	4, 170	2, 569	3, 023	2, 794	2, 488
<b>Institutional .....</b>	<b>1, 379, 264</b>	<b>1, 334, 534</b>	<b>1, 330, 195</b>	<b>1, 474, 000</b>	<b>1, 446, 571</b>
14. Schools and other educational buildings .....	983, 410	961, 464	889, 915	947, 256	890, 850
15. Churches and other religious buildings .....	42, 695	30, 903	28, 927	18, 983	24, 105
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	243, 319	235, 906	263, 327	299, 621	334, 459
17. Other institutional buildings .....	109, 840	106, 261	148, 026	208, 140	197, 157
<b>Other building construction .....</b>	<b>401, 979</b>	<b>472, 095</b>	<b>472, 819</b>	<b>468, 980</b>	<b>457, 495</b>
18. Farm buildings (excluding dwellings) .....	229, 508	229, 287	208, 420	208, 999	207, 717
19. Broadcasting, radio and television, relay and booster stations, tele- phone exchanges .....	43, 232	63, 123	66, 405	65, 112	68, 828
20. Aeroplane hangars .....	16, 221	15, 718	27, 668	16, 956	5, 934
21. Passenger terminals, bus, boat or air .....	13, 295	8, 210	27, 164	33, 310	28, 572
22. Armouries, barracks, drill halls, etc. <sup>10</sup> .....	11, 551	8, 070	13, 253	15, 943	16, 148
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps ....	19, 965	20, 372	27, 737	15, 364	10, 591
24. Laboratories <sup>11</sup> .....	—	25, 688	18, 828	22, 786	33, 295
25. Other building construction <sup>10,11</sup> .....	68, 207	101, 627	83, 344	90, 510	86, 410
<b>Total engineering construction .....</b>	<b>4, 956, 006</b>	<b>5, 151, 947</b>	<b>5, 682, 931</b>	<b>6, 503, 864</b>	<b>6, 869, 483</b>
<b>Marine construction .....</b>	<b>134, 250</b>	<b>165, 374</b>	<b>144, 659</b>	<b>145, 521</b>	<b>200, 526</b>
26. Docks, wharves, piers, breakwaters .....	64, 723	73, 949	63, 814	62, 046	98, 054
27. Retaining walls, embankments, riprapping .....	18, 235	37, 021	32, 809	32, 209	36, 098
28. Canals and waterways .....	34, 766	35, 482	29, 828	32, 634	34, 990
29. Dredging and pile driving <sup>10</sup> .....	5, 518	9, 378	6, 977	6, 280	6, 797
30. Dyke construction .....	2, 430	4, 359	2, 687	4, 761	9, 940
31. Logging booms .....	954	1, 202	881	1, 188	1, 018
32. Other marine construction .....	7, 624	3, 983	7, 663	6, 403	13, 629

See footnote(s) on page 44.



TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1968 - 72<sup>1,10,11,12</sup> - Concluded

Type of structure	1968	1969	1970	1971	1972
	thousands of dollars				
<b>Road, highway and aerodrome construction.....</b>	<b>1, 185, 408</b>	<b>1, 255, 257</b>	<b>1, 280, 264</b>	<b>1, 422, 406</b>	<b>1, 510, 453</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) <sup>11</sup> .....	1, 150, 005	1, 210, 268	1, 231, 975	1, 365, 143	1, 445, 979
34. Parking lots <sup>10,11</sup> .....	—	8, 566	12, 670	13, 017	18, 809
36. Sidewalks, paths.....	24, 040	20, 639	20, 411	24, 517	25, 926
37. Aerodromes, landing fields, runways, tarmac.....	11, 363	15, 784	15, 208	19, 729	19, 739
<b>Waterworks and sewage systems.....</b>	<b>403, 370</b>	<b>397, 796</b>	<b>487, 709</b>	<b>629, 315</b>	<b>664, 510</b>
38. Tile drains, drainage ditches, storm sewers.....	43, 525	44, 070	82, 678	106, 901	103, 377
39. Water mains, hydrants and services.....	123, 529	110, 955	131, 920	168, 485	176, 634
40. Sewage systems and connections.....	201, 457	208, 799	238, 897	302, 570	340, 547
41. Pumping stations, water <sup>10</sup> .....	28, 814	26, 442	27, 472	43, 476	37, 470
42. Water storage tanks <sup>10</sup> .....	6, 045	7, 530	6, 742	7, 883	6, 482
<b>Dams and irrigation.....</b>	<b>230, 084</b>	<b>68, 696</b>	<b>58, 217</b>	<b>78, 232</b>	<b>68, 994</b>
43. Dams and reservoirs <sup>11</sup> .....	197, 060	34, 521	19, 749	46, 088	39, 462
44. Irrigation and land reclamation projects.....	33, 024	34, 175	38, 468	32, 144	29, 532
<b>Electric power construction.....</b>	<b>825, 257</b>	<b>1, 005, 123</b>	<b>1, 223, 581</b>	<b>1, 307, 558</b>	<b>1, 281, 556</b>
45. Electric power generating plants, including water conveying and controlling structures.....	371, 811	530, 788	629, 770	696, 866	620, 778
46. Electric transformer stations <sup>12</sup> .....	49, 552	44, 916	11, 160	12, 062	17, 847
47. Power transmission and distribution lines, trolley wires.....	376, 916	402, 416	569, 019	582, 675	628, 041
48. Street lighting.....	26, 978	27, 003	13, 632	15, 955	14, 890
<b>Railway, telephone and telegraph.....</b>	<b>524, 161</b>	<b>525, 305</b>	<b>568, 344</b>	<b>607, 971</b>	<b>638, 603</b>
49. Railway tracks and roadbed <sup>10</sup> .....	251, 004	244, 795	256, 426	268, 579	253, 455
50. Signals and interlockers.....	22, 175	25, 127	29, 081	26, 507	26, 108
51. Telegraph and telephone lines, underground and marine cables.....	250, 982	255, 383	282, 837	312, 885	359, 040
<b>Gas and oil facilities.....</b>	<b>900, 751</b>	<b>965, 993</b>	<b>1, 093, 631</b>	<b>1, 302, 112</b>	<b>1, 384, 735</b>
52. Gas mains and services.....	94, 029	121, 575	130, 400	124, 667	138, 012
53. Pumping stations, oil.....	10, 619	7, 833	12, 415	35, 774	27, 202
54. Pumping stations, gas.....	33, 724	25, 688	47, 403	29, 488	16, 745
55. Oil storage tanks <sup>10</sup> .....	15, 966	21, 004	34, 501	27, 387	26, 315
56. Gas storage tanks.....	7, 038	7, 885	4, 841	1, 852	3, 635
57. Oil pipe lines <sup>10</sup> .....	45, 635	38, 836	22, 550	20, 553	47, 631
58. Gas pipe lines <sup>10</sup> .....	101, 600	84, 961	77, 853	162, 678	124, 846
59. Oil and gas wells <sup>10,11</sup> .....	362, 461	443, 169	431, 367	475, 940	590, 674
61. Oil refinery - Processing units <sup>10</sup> .....	148, 875	129, 549	151, 818	191, 296	262, 788
62. Natural gas processing plants.....	80, 804	85, 493	180, 483	232, 477	146, 887
<b>Other engineering construction.....</b>	<b>752, 725</b>	<b>768, 403</b>	<b>826, 526</b>	<b>1, 010, 749</b>	<b>1, 120, 106</b>
63. Bridges, trestles, culverts, overpasses, viaducts.....	228, 085	216, 303	181, 009	182, 865	184, 819
64. Tunnels and subways.....	21, 226	23, 385	47, 460	45, 323	47, 541
65. Incinerators.....	299	135	5, 560	5, 209	9, 470
66. Park systems, landscaping, sodding, etc. ....	21, 939	31, 339	19, 015	43, 248	45, 462
67. Swimming pools, tennis courts, outdoor recreation facilities.....	2, 918	2, 248	20, 584	12, 026	17, 312
68. Mine shafts and other below surface workings.....	191, 066	216, 431	278, 466	234, 486	239, 855
69. Fences, snowsheds, signs, guard rails.....	46, 209	47, 314	43, 405	42, 715	43, 434
70. Other engineering construction <sup>10</sup> .....	240, 983	231, 248	231, 027	444, 877	532, 213

See footnote(s) on page 44.

**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials Used  
by Province, 1970 - 72<sup>1, 13, 14</sup>**

Province and year	Labour content		Cost of materials used	Value of work performed
	Number <sup>14</sup>	Value		
			thousands of dollars	
Canada:				
1970 .....	570,632	4,910,685	5,867,059	13,781,218
1971 .....	575,378	5,565,326	6,658,507	15,647,366
1972 .....	548,046	5,809,672	6,950,971	16,340,914
Newfoundland:				
1970 .....	18,095	147,752	153,188	415,099
1971 .....	23,712	194,539	213,434	539,215
1972 .....	23,666	215,242	240,771	594,676
Prince Edward Island:				
1970 .....	2,542	15,624	19,961	45,661
1971 .....	2,577	19,138	26,433	57,388
1972 .....	2,779	22,500	30,409	67,116
Nova Scotia:				
1970 .....	21,748	163,581	224,048	484,709
1971 .....	18,433	157,503	215,441	466,011
1972 .....	18,443	175,203	242,720	526,464
New Brunswick:				
1970 .....	19,018	121,614	151,236	339,898
1971 .....	16,239	123,080	156,328	349,848
1972 .....	16,389	138,170	173,448	390,859
Quebec:				
1970 .....	122,457	971,617	1,193,485	2,788,533
1971 .....	126,157	1,132,944	1,391,622	3,252,589
1972 .....	123,873	1,224,106	1,505,768	3,517,388
Ontario:				
1970 .....	206,616	1,857,513	2,132,373	4,984,865
1971 .....	206,587	2,088,223	2,388,862	5,623,599
1972 .....	193,285	2,143,965	2,433,430	5,758,832
Manitoba:				
1970 .....	30,590	249,055	284,983	695,110
1971 .....	28,929	250,553	285,753	697,462
1972 .....	28,748	275,100	310,948	763,895
Saskatchewan:				
1970 .....	21,778	171,499	197,086	475,663
1971 .....	21,782	188,987	217,904	523,886
1972 .....	20,582	195,918	226,091	543,370
Alberta:				
1970 .....	63,696	581,882	717,722	1,709,950
1971 .....	58,582	596,137	747,599	1,764,195
1972 .....	55,134	616,517	780,171	1,828,019
British Columbia: <sup>13</sup>				
1970 .....	64,092	630,548	792,977	1,841,730
1971 .....	72,380	814,222	1,015,131	2,373,173
1972 .....	65,147	802,951	1,007,215	2,350,295

**TABLE 8. Total Value of Work Performed - Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1970 - 72<sup>1,9,14,15</sup>**

Employer and year	Labour content		Cost of materials used	Value of work performed
	Number <sup>14</sup>	Value		
		thousands of dollars		
Total:				
1970 .....	570,632	4,910,685	5,867,059	13,781,218
1971 .....	575,378	5,565,326	6,658,507	15,647,366
1972 .....	548,046	5,809,672	6,950,971	16,340,914
Contractors:				
1970 .....	437,159	3,814,469	4,684,519	10,827,255
1971 .....	433,404	4,248,731	5,262,151	12,129,602
1972 .....	408,176	4,383,537	5,467,428	12,571,260
Utilities: <sup>9</sup>				
1970 .....	58,184	520,057	557,007	1,418,225
1971 .....	63,200	636,033	661,675	1,712,993
1972 .....	64,414	710,971	720,073	1,885,074
Governments: <sup>9</sup>				
1970 .....	46,218	339,353	297,132	831,803
1971 .....	48,129	397,835	343,168	967,215
1972 .....	46,764	425,590	366,160	1,031,427
Miscellaneous: <sup>9,15</sup>				
1970 .....	29,071	236,806	328,401	703,935
1971 .....	30,645	282,727	391,513	837,556
1972 .....	28,692	289,574	397,310	853,153

See footnote(s) on page 44.



TABLE 9. Total Value of Construction Work Performed—Type of Structure and by New and Repair—Canada, 1970-72<sup>1,10,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>11,320,029</b>	<b>2,461,189</b>	<b>13,781,218</b>	<b>13,112,198</b>	<b>2,535,168</b>	<b>15,647,366</b>	<b>13,685,571</b>	<b>2,655,343</b>	<b>16,340,914</b>
<b>Total building construction .....</b>	<b>6,574,987</b>	<b>1,523,300</b>	<b>8,098,287</b>	<b>7,593,323</b>	<b>1,550,179</b>	<b>9,143,502</b>	<b>7,866,192</b>	<b>1,605,239</b>	<b>9,471,431</b>
<b>Residential .....</b>	<b>3,137,800</b>	<b>870,700</b>	<b>4,008,500</b>	<b>3,928,600</b>	<b>899,400</b>	<b>4,828,000</b>	<b>4,254,000</b>	<b>929,700</b>	<b>5,183,700</b>
<b>Industrial .....</b>	<b>804,196</b>	<b>196,014</b>	<b>1,000,210</b>	<b>836,861</b>	<b>190,761</b>	<b>1,027,622</b>	<b>709,911</b>	<b>198,366</b>	<b>908,277</b>
2. Factories, plants, workshops, food canneries .....	696,871	150,838	847,709	596,766	148,092	744,858	487,374	154,065	641,439
3. Mine and mine mill buildings .....	86,016	25,162	111,178	222,969	24,089	247,058	206,756	24,612	231,368
4. Railway stations, offices, roadway buildings .....	14,134	11,626	25,760	11,063	11,038	22,101	10,093	11,772	21,865
5. Railway shops, engine houses, water and fuel stations .....	7,175	8,388	15,563	6,063	7,542	13,605	5,688	7,917	13,605
<b>Commercial .....</b>	<b>1,065,929</b>	<b>220,634</b>	<b>1,286,563</b>	<b>1,140,813</b>	<b>204,087</b>	<b>1,344,900</b>	<b>1,264,697</b>	<b>210,691</b>	<b>1,475,388</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	69,319	18,778	88,097	69,006	19,417	88,423	76,634	20,286	96,920
7. Grain elevators .....	4,075	3,871	7,946	3,483	4,658	8,141	7,409	5,443	12,852
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	75,916	16,926	92,842	125,472	17,496	142,968	167,259	19,019	186,278
9. Office buildings .....	536,442	81,381	617,823	540,893	77,180	618,073	531,842	77,332	609,174
10. Stores, retail and wholesale .....	220,678	52,520	273,198	237,629	43,270	280,899	275,325	46,515	321,840
11. Garages and service stations .....	85,567	31,877	117,444	74,999	26,026	101,025	100,546	26,782	127,328
12. Theatres, arenas, amusement and recreational buildings .....	72,119	14,071	86,190	87,829	14,748	102,577	104,464	14,044	118,508
13. Laundries and dry cleaning establishments .....	1,813	1,210	3,023	1,502	1,292	2,794	1,218	1,270	2,488
<b>Institutional .....</b>	<b>1,205,234</b>	<b>124,961</b>	<b>1,330,195</b>	<b>1,320,668</b>	<b>153,332</b>	<b>1,474,000</b>	<b>1,283,190</b>	<b>163,381</b>	<b>1,446,571</b>
14. Schools and other educational buildings .....	822,797	67,118	889,915	872,512	74,744	947,256	811,306	79,544	890,850
15. Churches and other religious buildings .....	22,189	6,738	28,927	12,184	6,799	18,983	17,537	6,568	24,105
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	230,739	32,588	263,327	263,168	36,453	299,621	287,853	46,606	334,459
17. Other institutional buildings .....	129,509	18,517	148,026	172,804	35,336	208,140	166,494	30,663	197,157
<b>Other building construction .....</b>	<b>361,828</b>	<b>110,991</b>	<b>472,819</b>	<b>366,381</b>	<b>102,599</b>	<b>468,980</b>	<b>354,394</b>	<b>103,101</b>	<b>457,495</b>
18. Farm buildings (excluding dwellings) .....	150,094	58,326	208,420	150,514	58,485	208,999	149,971	57,746	207,717
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	57,798	8,607	66,405	55,205	9,907	65,112	58,212	10,616	68,828
20. Aeroplane hangars .....	24,495	3,173	27,668	15,720	1,236	16,956	4,561	1,373	5,934
21. Passenger terminals, bus, boat or air .....	26,655	509	27,164	28,009	5,301	33,310	22,847	5,725	28,572
22. Armouries, barracks, drill halls, etc. ....	6,705	6,548	13,253	9,864	6,079	15,943	9,725	6,423	16,148
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	16,814	10,923	27,737	12,132	3,232	15,364	7,148	3,443	10,591
24. Laboratories .....	15,492	3,336	18,828	20,196	2,590	22,786	30,583	2,712	33,295
25. Other building construction .....	63,775	19,569	83,344	74,741	15,769	90,510	71,347	15,063	86,410
<b>Total engineering construction .....</b>	<b>4,745,042</b>	<b>937,889</b>	<b>5,682,931</b>	<b>5,518,875</b>	<b>984,989</b>	<b>6,503,864</b>	<b>5,819,379</b>	<b>1,050,104</b>	<b>6,869,483</b>
<b>Marine construction.....</b>	<b>113,501</b>	<b>31,158</b>	<b>144,659</b>	<b>113,815</b>	<b>31,706</b>	<b>145,521</b>	<b>166,635</b>	<b>33,891</b>	<b>200,526</b>
26. Docks, wharves, piers, breakwaters .....	53,546	10,268	63,814	51,781	10,265	62,046	87,617	10,437	98,054
27. Retaining walls, embankments, riprapping .....	18,386	14,423	32,809	18,759	13,450	32,209	22,444	13,654	36,098
28. Canals and waterways .....	27,447	2,381	29,828	29,716	2,918	32,634	31,425	3,565	34,990
29. Dredging and pile driving .....	4,973	2,004	6,977	4,604	1,676	6,280	4,701	2,096	6,797
30. Dyke construction .....	2,143	544	2,687	4,378	383	4,761	9,668	272	9,940
31. Logging booms .....	320	561	881	621	567	1,188	461	557	1,018
32. Other marine construction .....	6,686	977	7,663	3,956	2,447	6,403	10,319	3,310	13,629

TABLE 9. Total Value of Construction Work Performed - Type of Structure and by New and Repair - Canada, 1970 - 72<sup>1,10,11</sup> - Concluded

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>1, 011, 909</b>	<b>268, 355</b>	<b>1, 280, 264</b>	<b>1, 136, 920</b>	<b>285, 486</b>	<b>1, 422, 406</b>	<b>1, 207, 667</b>	<b>302, 786</b>	<b>1, 510, 453</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	975, 865	256, 110	1, 231, 975	1, 092, 372	272, 771	1, 365, 143	1, 156, 494	289, 485	1, 445, 979
34. Parking lots .....	9, 562	3, 108	12, 670	9, 817	3, 200	13, 017	15, 377	3, 432	18, 809
36. Sidewalks, paths .....	14, 006	6, 405	20, 411	17, 509	7, 008	24, 517	19, 309	6, 617	25, 926
37. Aerodromes, landing fields, runways, tarmac .....	12, 476	2, 732	15, 208	17, 222	2, 507	19, 729	16, 487	3, 252	19, 739
<b>Waterworks and sewage systems .....</b>	<b>412, 134</b>	<b>75, 575</b>	<b>487, 709</b>	<b>546, 136</b>	<b>83, 179</b>	<b>629, 315</b>	<b>578, 646</b>	<b>85, 864</b>	<b>664, 510</b>
38. Tile drains, drainage ditches, storm sewers .....	69, 697	12, 981	82, 678	91, 018	15, 883	106, 901	87, 934	15, 443	103, 377
39. Water mains, hydrants and services .....	94, 353	37, 567	131, 920	127, 720	40, 765	168, 485	135, 000	41, 634	176, 634
40. Sewage systems and connections .....	219, 543	19, 354	238, 897	281, 606	20, 964	302, 570	317, 904	22, 643	340, 547
41. Pumping stations, water <sup>10</sup> .....	23, 102	4, 370	27, 472	39, 306	4, 170	43, 476	32, 637	4, 833	37, 470
42. Water storage tanks <sup>10</sup> .....	5, 439	1, 303	6, 742	6, 486	1, 397	7, 883	5, 171	1, 311	6, 482
<b>Dams and irrigation .....</b>	<b>46, 805</b>	<b>11, 412</b>	<b>58, 217</b>	<b>66, 856</b>	<b>11, 376</b>	<b>78, 232</b>	<b>56, 871</b>	<b>12, 123</b>	<b>68, 994</b>
43. Dams and reservoirs .....	16, 658	3, 091	19, 749	43, 561	2, 527	46, 088	36, 134	3, 328	39, 462
44. Irrigation and land reclamation projects .....	30, 147	8, 321	38, 468	23, 295	8, 849	32, 144	20, 737	8, 795	29, 532
<b>Electric power construction .....</b>	<b>1, 125, 378</b>	<b>98, 203</b>	<b>1, 223, 581</b>	<b>1, 179, 138</b>	<b>128, 420</b>	<b>1, 307, 558</b>	<b>1, 142, 005</b>	<b>139, 551</b>	<b>1, 281, 556</b>
45. Electric power generating plants, including water conveying and controlling structures .....	602, 914	26, 856	629, 770	648, 284	48, 582	696, 866	568, 618	52, 160	620, 778
46. Electric transformer stations .....	10, 495	665	11, 160	11, 503	559	12, 062	17, 183	664	17, 847
47. Power transmission and distribution lines, trolley wires .....	503, 040	65, 979	569, 019	508, 659	74, 016	582, 675	546, 690	81, 351	628, 041
48. Street lighting .....	8, 929	4, 703	13, 632	10, 692	5, 263	15, 955	9, 514	5, 376	14, 890
<b>Railway, telephone and telegraph .....</b>	<b>375, 616</b>	<b>192, 728</b>	<b>568, 344</b>	<b>416, 988</b>	<b>190, 983</b>	<b>607, 971</b>	<b>435, 452</b>	<b>203, 151</b>	<b>638, 603</b>
49. Railway tracks and roadbed .....	138, 200	118, 226	256, 426	152, 728	115, 851	268, 579	134, 571	118, 884	253, 455
50. Signals and interlockers .....	13, 618	15, 463	29, 081	10, 927	15, 580	26, 507	9, 750	16, 358	26, 108
51. Telegraph and telephone lines, underground and marine cables .....	223, 798	59, 039	282, 837	253, 333	59, 552	312, 885	291, 131	67, 909	359, 040
<b>Gas and oil facilities .....</b>	<b>938, 936</b>	<b>154, 695</b>	<b>1, 093, 631</b>	<b>1, 148, 055</b>	<b>154, 057</b>	<b>1, 302, 112</b>	<b>1, 211, 432</b>	<b>173, 303</b>	<b>1, 384, 735</b>
52. Gas mains and services .....	120, 986	9, 414	130, 400	114, 140	10, 527	124, 667	127, 341	10, 671	138, 012
53. Pumping stations, oil .....	9, 373	3, 042	12, 415	32, 634	3, 140	35, 774	23, 699	3, 503	27, 202
54. Pumping stations, gas .....	44, 032	3, 371	47, 403	27, 895	1, 593	29, 488	15, 171	1, 574	16, 745
55. Oil storage tanks <sup>10</sup> .....	31, 108	3, 393	34, 501	24, 064	3, 323	27, 387	22, 655	3, 660	28, 315
56. Gas storage tanks .....	4, 478	363	4, 841	1, 697	155	1, 852	3, 429	206	3, 635
57. Oil pipe lines .....	17, 264	5, 286	22, 550	16, 323	4, 230	20, 553	42, 834	4, 797	47, 631
58. Gas pipe lines <sup>10</sup> .....	76, 355	1, 498	77, 853	161, 728	950	162, 678	124, 040	806	124, 846
59. Oil and gas wells .....	372, 764	58, 603	431, 367	420, 199	55, 741	475, 940	529, 601	61, 073	590, 674
61. Oil refinery - Processing units <sup>10</sup> .....	105, 947	45, 871	151, 818	143, 201	48, 095	191, 296	205, 432	57, 356	262, 788
62. Natural gas processing plants .....	156, 629	23, 854	180, 483	206, 174	26, 303	232, 477	117, 230	29, 657	146, 887
<b>Other engineering construction .....</b>	<b>720, 763</b>	<b>105, 763</b>	<b>826, 526</b>	<b>910, 967</b>	<b>99, 782</b>	<b>1, 010, 749</b>	<b>1, 020, 671</b>	<b>99, 435</b>	<b>1, 120, 106</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	151, 193	29, 816	181, 009	153, 404	29, 461	182, 865	156, 780	28, 039	184, 819
64. Tunnels and subways .....	46, 178	1, 282	47, 460	44, 510	813	45, 323	46, 651	890	47, 541
65. Incinerators .....	4, 116	1, 444	5, 560	4, 272	937	5, 209	8, 412	1, 058	9, 470
66. Park systems, landscaping, sodding, etc. ....	13, 282	5, 733	19, 015	35, 488	7, 760	43, 248	35, 046	10, 416	45, 462
67. Swimming pools, tennis courts, outdoor recreation facilities .....	17, 614	2, 970	20, 584	11, 122	904	12, 026	16, 245	1, 067	17, 312
68. Mine shafts and other below surface workings ....	274, 569	3, 897	278, 466	230, 577	3, 909	234, 486	236, 475	3, 380	239, 855
69. Fences, snowsheds, signs, guard rails .....	28, 264	15, 141	43, 405	27, 949	14, 766	42, 715	28, 543	14, 891	43, 434
70. Other engineering construction <sup>10</sup> .....	185, 547	45, 480	231, 027	403, 645	41, 232	444, 877	492, 519	39, 694	532, 213

See footnote(s) on page 44.

**TABLE 10. Total Value of Construction Work Performed - New and Repair by Type of Structure by Primary Industries, 1970-72** <sup>1,7,10,11,16,17</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>1, 284, 584</b>	<b>246, 988</b>	<b>1, 531, 572</b>	<b>1, 575, 797</b>	<b>243, 444</b>	<b>1, 819, 241</b>	<b>1, 518, 049</b>	<b>249, 348</b>	<b>1, 767, 397</b>
<b>Total building construction</b> .....	<b>297, 278</b>	<b>99, 870</b>	<b>397, 148</b>	<b>432, 899</b>	<b>95, 227</b>	<b>528, 126</b>	<b>384, 907</b>	<b>96, 109</b>	<b>481, 016</b>
<b>Residential</b> .....	—	—	—	—	—	—	—	—	—
<b>Industrial</b> .....	<b>100, 635</b>	<b>29, 915</b>	<b>130, 550</b>	<b>242, 245</b>	<b>28, 571</b>	<b>270, 816</b>	<b>214, 318</b>	<b>29, 221</b>	<b>243, 539</b>
2. Factories, plants, workshops, food canneries ....	14, 934	4, 753	19, 687	19, 765	4, 444	24, 209	8, 533	4, 609	13, 142
3. Mine and mine mill buildings .....	85, 701	25, 162	110, 863	222, 436	24, 082	246, 518	205, 785	24, 612	230, 397
4. Railway stations, offices, roadway buildings .....	—	—	—	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	44	45	89	—	—	—
<b>Commercial</b> .....	<b>19, 695</b>	<b>5, 856</b>	<b>25, 551</b>	<b>23, 977</b>	<b>5, 598</b>	<b>29, 575</b>	<b>17, 428</b>	<b>6, 214</b>	<b>23, 642</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5, 923	1, 960	7, 883	6, 609	1, 847	8, 456	6, 020	2, 118	8, 138
7. Grain elevators .....	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	11	11	—	2	2	—	2	2
9. Office buildings .....	7, 811	2, 399	10, 210	14, 039	2, 329	16, 368	9, 572	2, 618	12, 190
10. Stores, retail and wholesale .....	—	5	5	—	—	—	—	—	—
11. Garages and service stations .....	5, 541	1, 295	6, 836	2, 470	1, 238	3, 708	1, 546	1, 301	2, 847
12. Theatres, arenas, amusement and recreational buildings .....	420	186	606	859	182	1, 041	290	175	465
13. Laundries and dry cleaning establishments .....	—	—	—	—	—	—	—	—	—
<b>Institutional</b> .....	<b>525</b>	<b>156</b>	<b>681</b>	<b>26</b>	<b>182</b>	<b>208</b>	<b>206</b>	<b>174</b>	<b>380</b>
14. Schools and other educational buildings .....	300	133	433	—	156	156	200	149	349
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	225	23	248	26	26	52	6	25	31
17. Other institutional buildings .....	—	—	—	—	—	—	—	—	—
<b>Other building construction</b> .....	<b>176, 423</b>	<b>63, 943</b>	<b>240, 366</b>	<b>166, 651</b>	<b>60, 876</b>	<b>227, 527</b>	<b>152, 955</b>	<b>60, 500</b>	<b>213, 455</b>
18. Farm buildings (excluding dwellings) .....	145, 965	57, 499	203, 464	145, 606	57, 743	203, 349	145, 056	57, 169	202, 225
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	45	35	80	27	40	67	34	40	74
20. Aeroplane hangars .....	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	13, 129	3, 110	16, 239	10, 335	2, 772	13, 107	5, 292	2, 869	8, 161
24. Laboratories .....	—	—	—	—	—	—	—	—	—
25. Other building construction .....	17, 284	3, 299	20, 583	10, 683	321	11, 004	2, 573	422	2, 995
<b>Total engineering construction</b> .....	<b>987, 306</b>	<b>147, 118</b>	<b>1, 134, 424</b>	<b>1, 142, 898</b>	<b>148, 217</b>	<b>1, 291, 115</b>	<b>1, 133, 142</b>	<b>153, 239</b>	<b>1, 286, 381</b>
<b>Marine construction</b> .....	<b>1, 971</b>	<b>1, 337</b>	<b>3, 308</b>	<b>6, 764</b>	<b>1, 333</b>	<b>8, 097</b>	<b>4, 658</b>	<b>1, 289</b>	<b>5, 947</b>
26. Docks, wharves, piers, breakwaters .....	1, 486	715	2, 201	6, 050	720	6, 770	4, 057	659	4, 716
27. Retaining walls, embankments, riprapping .....	123	9	132	—	—	—	—	—	—
28. Canals and waterways .....	71	130	201	—	38	38	—	31	31
29. Dredging and pile driving .....	—	78	78	6	75	81	—	109	109
30. Dyke construction .....	—	9	9	—	18	18	—	21	21
31. Logging booms .....	290	389	679	599	373	972	455	382	837
32. Other marine construction .....	1	7	8	109	109	218	146	87	233



**TABLE 10. Total Value of Construction Work Performed — New and Repair by Type of Structure by Primary Industries, 1970 -72<sup>1,7,10,11,16,17</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>56,152</b>	<b>14,015</b>	<b>70,167</b>	<b>57,192</b>	<b>15,984</b>	<b>73,176</b>	<b>51,335</b>	<b>17,225</b>	<b>68,560</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	55,867	13,698	69,565	56,944	15,860	72,804	51,117	17,136	68,253
34. Parking lots .....	285	307	592	248	100	348	218	79	297
36. Sidewalks, paths .....	—	—	—	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	—	10	10	—	24	24	—	10	10
<b>Waterworks and sewage systems .....</b>	<b>40,847</b>	<b>14,141</b>	<b>54,988</b>	<b>49,746</b>	<b>14,478</b>	<b>64,224</b>	<b>42,809</b>	<b>14,339</b>	<b>57,148</b>
38. Tile drains, drainage ditches, storm sewers .....	15,938	6,224	22,162	17,349	6,252	23,601	16,006	6,190	22,196
39. Water mains, hydrants and services .....	19,555	6,615	26,170	22,690	6,774	29,464	22,197	6,713	28,910
40. Sewage systems and connections .....	648	53	701	1,000	76	1,076	884	75	959
41. Pumping stations, water <sup>10</sup> .....	1,819	266	2,085	4,850	357	5,207	1,113	354	1,467
42. Water storage tanks <sup>10</sup> .....	2,887	983	3,870	3,857	1,019	4,876	2,609	1,007	3,616
<b>Dams and irrigation .....</b>	<b>17,965</b>	<b>7,137</b>	<b>25,102</b>	<b>17,965</b>	<b>7,142</b>	<b>25,107</b>	<b>17,854</b>	<b>7,074</b>	<b>24,928</b>
43. Dams and reservoirs .....	—	61	61	44	35	79	—	38	38
44. Irrigation and land reclamation projects .....	17,965	7,076	25,041	17,921	7,107	25,028	17,854	7,036	24,890
<b>Electric power construction .....</b>	<b>7,169</b>	<b>595</b>	<b>7,764</b>	<b>21,432</b>	<b>792</b>	<b>22,224</b>	<b>14,556</b>	<b>778</b>	<b>15,334</b>
45. Electric power generating plants, including water conveying and controlling structures .....	3,432	256	3,688	7,108	334	7,442	54	327	381
46. Electric transformer stations .....	—	—	—	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires .....	3,737	339	4,076	14,324	458	14,782	14,502	451	14,953
48. Street lighting .....	—	—	—	—	—	—	—	—	—
<b>Railway, telephone and telegraph .....</b>	<b>1,751</b>	<b>1,598</b>	<b>3,349</b>	<b>5,339</b>	<b>1,235</b>	<b>6,574</b>	<b>2,720</b>	<b>1,059</b>	<b>3,779</b>
49. Railway tracks and roadbed .....	1,731	1,536	3,267	5,312	1,204	6,516	2,699	1,033	3,732
50. Signals and interlockers .....	—	8	8	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	20	54	74	27	31	58	21	26	47
<b>Gas and oil facilities .....</b>	<b>527,720</b>	<b>82,300</b>	<b>610,020</b>	<b>619,599</b>	<b>80,481</b>	<b>700,080</b>	<b>644,207</b>	<b>88,917</b>	<b>733,124</b>
52. Gas mains and services .....	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	—	—	—	—	—	—	—	—	—
56. Gas storage tanks .....	—	1	1	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells <sup>7</sup> .....	371,112	58,445	429,557	413,425	54,178	467,603	526,977	59,260	586,237
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants <sup>7</sup> .....	156,608	23,854	180,462	206,174	26,303	232,477	117,230	29,657	146,887
<b>Other engineering construction .....</b>	<b>333,731</b>	<b>25,995</b>	<b>359,726</b>	<b>364,861</b>	<b>26,772</b>	<b>391,633</b>	<b>355,003</b>	<b>22,558</b>	<b>377,561</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,250	228	1,478	365	177	542	774	202	976
64. Tunnels and subways .....	—	—	—	—	—	—	—	—	—
65. Incinerators .....	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	23	6	29	—	9	9	2	7	9
67. Swimming pools, tennis courts, outdoor recreation facilities .....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	274,266	3,897	278,163	230,577	3,909	234,486	236,475	3,380	239,855
69. Fences, snowsheds, signs, guard rails .....	22,460	8,861	31,321	22,421	8,901	31,322	22,321	8,814	31,135
70. Other engineering construction <sup>10</sup> .....	35,732	13,003	48,735	111,498	13,776	125,274	95,431	10,155	105,586

See footnote(s) on page 44.

**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1970 - 72<sup>1,10,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>997,071</b>	<b>213,923</b>	<b>1,210,994</b>	<b>876,795</b>	<b>207,678</b>	<b>1,084,473</b>	<b>809,929</b>	<b>225,142</b>	<b>1,035,071</b>
<b>Total building construction .....</b>	<b>708,310</b>	<b>142,459</b>	<b>850,769</b>	<b>585,989</b>	<b>137,593</b>	<b>723,582</b>	<b>474,711</b>	<b>143,785</b>	<b>618,496</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>651,809</b>	<b>135,217</b>	<b>787,026</b>	<b>549,667</b>	<b>131,951</b>	<b>681,618</b>	<b>439,858</b>	<b>137,819</b>	<b>577,677</b>
2. Factories, plants, workshops, food canneries .....	651,460	135,213	786,673	549,158	131,932	681,090	438,887	137,804	576,691
3. Mine and mine mill buildings .....	315	—	315	500	2	502	971	—	971
4. Railway stations, offices, roadway buildings .....	—	1	1	—	13	13	—	11	11
5. Railway shops, engine houses, water and fuel stations .....	34	3	37	9	4	13	—	4	4
<b>Commercial .....</b>	<b>52,135</b>	<b>5,931</b>	<b>58,066</b>	<b>34,631</b>	<b>5,052</b>	<b>39,683</b>	<b>33,237</b>	<b>5,427</b>	<b>38,664</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	19,292	1,852	21,144	17,125	1,853	18,978	18,929	1,948	20,877
7. Grain elevators .....	—	9	9	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	48	147	195	6	83	89	443	74	517
9. Office buildings .....	26,662	3,607	30,269	13,334	2,962	16,296	7,344	3,015	10,359
10. Stores, retail and wholesale .....	1,956	227	2,183	997	34	1,031	2,371	320	2,691
11. Garages and service stations .....	3,877	62	3,939	3,168	107	3,275	4,150	62	4,212
12. Theatres, arenas, amusement and recreational buildings .....	285	27	312	1	13	14	—	8	8
13. Laundries and dry cleaning establishments .....	15	—	15	—	—	—	—	—	—
<b>Institutional .....</b>	<b>262</b>	<b>16</b>	<b>278</b>	<b>3</b>	<b>9</b>	<b>12</b>	<b>—</b>	<b>7</b>	<b>7</b>
14. Schools and other educational buildings .....	44	—	44	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	218	15	233	3	9	12	—	7	7
17. Other institutional buildings .....	—	1	1	—	—	—	—	—	—
<b>Other building construction .....</b>	<b>4,104</b>	<b>1,295</b>	<b>5,399</b>	<b>1,688</b>	<b>581</b>	<b>2,269</b>	<b>1,616</b>	<b>532</b>	<b>2,148</b>
18. Farm buildings (excluding dwellings) .....	823	131	954	886	62	948	447	66	513
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3	—	3	—	—	—	—	—	—
20. Aeroplane hangars .....	92	431	523	—	16	16	—	20	20
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,340	411	1,751	145	277	422	198	273	471
24. Laboratories .....	199	151	350	180	185	365	279	132	411
25. Other building construction .....	1,647	171	1,818	477	41	518	692	41	733
<b>Total engineering construction .....</b>	<b>288,761</b>	<b>71,464</b>	<b>360,225</b>	<b>290,806</b>	<b>70,085</b>	<b>360,891</b>	<b>335,218</b>	<b>81,357</b>	<b>416,575</b>
<b>Marine construction .....</b>	<b>9,936</b>	<b>1,889</b>	<b>11,825</b>	<b>3,903</b>	<b>2,128</b>	<b>6,031</b>	<b>14,689</b>	<b>2,002</b>	<b>16,691</b>
26. Docks, wharves, piers, breakwaters .....	8,885	843	9,728	3,354	1,118	4,472	13,553	998	14,551
27. Retaining walls, embankments, riprapping .....	297	49	346	57	9	66	841	41	882
28. Canals and waterways .....	—	6	6	—	—	—	24	—	24
29. Dredging and pile driving .....	115	655	770	44	503	547	222	672	894
30. Dyke construction .....	125	36	161	266	7	273	35	8	43
31. Logging booms .....	30	172	202	22	193	215	6	175	181
32. Other marine construction .....	484	128	612	160	298	458	8	108	116

**TABLE 11. Total Value of Construction Work Performed - New and Repair by Type of Structure by Manufacturing Industry, 1970 - 72<sup>1,10,11</sup> - Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>11,790</b>	<b>2,925</b>	<b>14,715</b>	<b>6,266</b>	<b>2,759</b>	<b>9,025</b>	<b>6,346</b>	<b>3,088</b>	<b>9,434</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	8,878	2,375	11,253	4,708	2,040	6,748	5,188	2,413	7,601
34. Parking lots .....	2,707	540	3,247	1,517	707	2,224	905	668	1,573
36. Sidewalks, paths .....	204	10	214	41	12	53	253	7	260
37. Aerodromes, landing fields, runways, tarmac .....	1	-	1	-	-	-	-	-	-
<b>Waterworks and sewage systems .....</b>	<b>14,498</b>	<b>2,274</b>	<b>16,772</b>	<b>13,529</b>	<b>2,097</b>	<b>15,626</b>	<b>10,508</b>	<b>2,414</b>	<b>12,922</b>
38. Tile drains, drainage ditches, storm sewers .....	654	242	896	2,249	67	2,316	2,742	183	2,925
39. Water mains, hydrants and services .....	1,942	544	2,486	1,767	432	2,199	1,292	501	1,793
40. Sewage systems and connections .....	10,528	724	11,252	6,261	771	7,032	5,654	779	6,433
41. Pumping stations, water .....	1,034	648	1,682	2,871	784	3,655	741	912	1,653
42. Water storage tanks .....	340	116	456	381	43	424	79	39	118
<b>Dams and irrigation .....</b>	<b>102</b>	<b>125</b>	<b>227</b>	<b>833</b>	<b>53</b>	<b>886</b>	<b>246</b>	<b>63</b>	<b>309</b>
43. Dams and reservoirs .....	15	124	139	833	53	886	246	63	309
44. Irrigation and land reclamation projects .....	87	1	88	-	-	-	-	-	-
<b>Electric power construction .....</b>	<b>20,061</b>	<b>2,870</b>	<b>22,931</b>	<b>6,071</b>	<b>2,074</b>	<b>8,145</b>	<b>3,924</b>	<b>2,414</b>	<b>6,338</b>
45. Electric power generating plants, including water conveying and controlling structures .....	6,522	1,943	8,465	2,592	1,289	3,881	525	1,465	1,990
46. Electric transformer stations .....	9,271	384	9,655	2,671	349	3,020	2,084	435	2,519
47. Power transmission and distribution lines, trolley wires .....	4,051	440	4,491	732	420	1,152	1,266	473	1,739
48. Street lighting .....	217	103	320	76	16	92	49	41	90
<b>Railway, telephone and telegraph .....</b>	<b>2,203</b>	<b>1,595</b>	<b>3,798</b>	<b>1,089</b>	<b>1,313</b>	<b>2,402</b>	<b>1,122</b>	<b>1,297</b>	<b>2,419</b>
49. Railway tracks and roadbed .....	1,578	1,565	3,143	1,089	1,301	2,390	1,122	1,282	2,404
50. Signals and interlockers .....	302	1	303	-	-	-	-	-	-
51. Telegraph and telephone lines, underground and marine cables .....	323	29	352	-	12	12	-	15	15
<b>Gas and oil facilities .....</b>	<b>134,631</b>	<b>49,890</b>	<b>184,521</b>	<b>165,695</b>	<b>53,778</b>	<b>219,473</b>	<b>220,915</b>	<b>63,680</b>	<b>284,595</b>
52. Gas mains and services .....	970	568	1,538	517	616	1,133	2,249	654	2,903
53. Pumping stations, oil .....	7	48	55	29	13	42	20	9	29
54. Pumping stations, gas .....	-	1	1	442	156	598	500	383	883
55. Oil storage tanks .....	26,472	2,806	29,278	13,799	2,537	16,336	8,790	2,629	11,419
56. Gas storage tanks .....	334	169	503	-	1	1	-	2	2
57. Oil pipe lines .....	853	394	1,247	1,397	798	2,195	2,415	838	3,253
58. Gas pipe lines .....	48	33	81	153	22	175	11	20	31
59. Oil and gas wells .....	-	-	-	6,157	1,540	7,697	1,498	1,789	3,287
61. Oil refinery - Processing units <sup>10</sup> .....	105,947	45,871	151,818	143,201	48,095	191,296	205,432	57,356	262,788
62. Natural gas processing plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>95,540</b>	<b>9,896</b>	<b>105,436</b>	<b>93,420</b>	<b>5,883</b>	<b>99,303</b>	<b>77,468</b>	<b>6,399</b>	<b>83,867</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	1,771	59	1,830	65	52	117	5	15	20
64. Tunnels and subways .....	98	1	99	12	3	15	-	2	2
65. Incinerators .....	1	40	41	181	3	184	495	1	496
66. Park systems, landscaping, sodding, etc. ....	136	218	354	75	187	262	236	205	441
67. Swimming pools, tennis courts, outdoor recreation facilities ..	5	12	17	-	9	9	-	6	6
68. Mine shafts and other below surface workings .....	-	-	-	-	-	-	-	-	-
69. Fences, snowsheds, signs, guard rails .....	1,927	118	2,045	466	219	685	231	218	449
70. Other engineering construction <sup>10</sup> .....	91,602	9,448	101,050	92,621	5,410	98,031	76,501	5,952	82,453

See footnote(s) on page 44.



TABLE 12. Total Value of Construction Work Performed - New and Repair by Type of Structure by Utilities, 1970-72<sup>1,6,10,11,12</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction</b> .....	<b>2,044,929</b>	<b>375,419</b>	<b>2,420,348</b>	<b>2,320,908</b>	<b>398,131</b>	<b>2,719,039</b>	<b>2,452,381</b>	<b>429,708</b>	<b>2,882,089</b>
<b>Total building construction</b> .....	<b>205,057</b>	<b>57,732</b>	<b>262,789</b>	<b>155,112</b>	<b>53,480</b>	<b>208,592</b>	<b>153,666</b>	<b>57,944</b>	<b>211,610</b>
<b>Residential</b> .....	-	-	-	-	-	-	-	-	-
<b>Industrial</b> .....	<b>26,505</b>	<b>21,536</b>	<b>48,041</b>	<b>20,537</b>	<b>21,568</b>	<b>42,105</b>	<b>18,745</b>	<b>22,452</b>	<b>41,197</b>
2. Factories, plants, workshops, food canneries ....	5,230	1,526	6,756	3,449	3,047	6,496	2,964	2,778	5,742
3. Mine and mine mill buildings ....	-	-	-	33	5	38	-	-	-
4. Railway stations, offices, roadway buildings ....	14,134	11,625	25,759	11,045	11,023	22,068	10,093	11,761	21,854
5. Railway shops, engine houses, water and fuel stations .....	7,141	8,385	15,526	6,010	7,493	13,503	5,688	7,913	13,601
<b>Commercial</b> .....	<b>76,378</b>	<b>15,675</b>	<b>92,053</b>	<b>50,403</b>	<b>15,349</b>	<b>65,752</b>	<b>61,825</b>	<b>17,650</b>	<b>79,475</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	14,188	3,674	17,862	10,076	3,923	13,999	13,368	4,599	17,967
7. Grain elevators .....	4,021	3,862	7,883	3,483	4,658	8,141	7,409	5,443	12,852
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	68	11	79	-	2	2	-	-	-
9. Office buildings .....	51,966	4,011	55,977	32,579	4,187	36,766	30,630	4,996	35,626
10. Stores, retail and wholesale .....	52	8	60	48	-	48	-	-	-
11. Garages and service stations .....	6,083	4,109	10,192	4,217	2,579	6,796	10,418	2,612	13,030
12. Theatres, arenas, amusement and recreational buildings .....	-	-	-	-	-	-	-	-	-
13. Laundries and dry cleaning establishments .....	-	-	-	-	-	-	-	-	-
<b>Institutional</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
14. Schools and other educational buildings .....	-	-	-	-	-	-	-	-	-
15. Churches and other religious buildings .....	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	-	-	-	-	-	-	-	-	-
17. Other institutional buildings .....	-	-	-	-	-	-	-	-	-
<b>Other building construction</b> .....	<b>102,174</b>	<b>20,521</b>	<b>122,695</b>	<b>84,172</b>	<b>16,563</b>	<b>100,735</b>	<b>73,096</b>	<b>17,842</b>	<b>90,938</b>
18. Farm buildings (excluding dwellings) .....	-	-	-	-	-	-	-	-	-
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	56,460	8,159	64,619	53,299	9,549	62,848	56,284	10,240	66,524
20. Aeroplane hangars .....	23,545	1,685	25,230	14,167	219	14,386	3,096	267	3,363
21. Passenger terminals, bus, boat or air .....	16,207	446	16,653	13,555	5,251	18,806	7,512	5,672	13,184
22. Armouries, barracks, drill halls, etc. ....	-	1	1	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	825	7,284	8,109	185	46	231	110	66	176
24. Laboratories .....	-	-	-	-	-	-	-	-	-
25. Other building construction .....	5,137	2,946	8,083	2,966	1,498	4,464	6,094	1,597	7,691
<b>Total engineering construction</b> .....	<b>1,839,872</b>	<b>317,687</b>	<b>2,157,559</b>	<b>2,165,796</b>	<b>344,651</b>	<b>2,510,447</b>	<b>2,298,715</b>	<b>371,764</b>	<b>2,670,479</b>
<b>Marine construction</b> .....	<b>34,774</b>	<b>4,953</b>	<b>39,727</b>	<b>19,960</b>	<b>4,933</b>	<b>24,893</b>	<b>56,508</b>	<b>6,806</b>	<b>63,314</b>
26. Docks, wharves, piers, breakwaters .....	18,579	3,355	21,934	9,682	3,758	13,440	37,061	3,888	40,949
27. Retaining walls, embankments, riprapping .....	17	774	791	196	-	196	500	44	544
28. Canals and waterways .....	10,189	57	10,246	9,302	586	9,888	10,696	1,093	11,789
29. Dredging and pile driving .....	1,715	170	1,885	-	115	115	500	222	722
30. Dyke construction .....	-	-	-	-	-	-	152	1	153
31. Logging booms .....	-	-	-	-	1	1	-	-	-
32. Other marine construction ..	4,274	597	4,871	780	473	1,253	7,599	1,558	9,157

See footnote(s) on page 44.

**TABLE 12. Total Value of Construction Work Performed—New and Repair by Type of Structure by Utilities, 1970-72<sup>1, 6, 10, 11, 12</sup>—Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>3,994</b>	<b>776</b>	<b>4,770</b>	<b>3,673</b>	<b>1,021</b>	<b>4,694</b>	<b>6,663</b>	<b>1,890</b>	<b>8,553</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	2,042	643	2,685	3,051	983	4,034	5,552	1,845	7,397
34. Parking lots .....	1,510	82	1,592	575	37	612	1,111	45	1,156
36. Sidewalks, paths .....	2	12	14	—	1	1	—	—	—
37. Aerodromes, landing fields, runways, tarmac .....	440	39	479	47	—	47	—	—	—
<b>Waterworks<sup>6</sup> and sewage systems .....</b>	<b>41,437</b>	<b>533</b>	<b>41,970</b>	<b>54,545</b>	<b>451</b>	<b>54,996</b>	<b>59,598</b>	<b>430</b>	<b>60,028</b>
38. Tile drains, drainage ditches, storm sewers .....	342	16	358	170	131	301	11	140	151
39. Water mains, hydrants and services .....	7,246	337	7,583	18,123	196	18,319	16,945	210	17,155
40. Sewage systems and connections .....	28,060	38	28,098	28,146	57	28,203	35,500	23	35,523
41. Pumping stations, water .....	5,789	141	5,930	8,049	53	8,102	7,142	56	7,198
42. Water storage tanks .....	—	1	1	57	14	71	—	1	1
<b>Dams and irrigation .....</b>	<b>544</b>	<b>12</b>	<b>556</b>	<b>2,776</b>	<b>—</b>	<b>2,776</b>	<b>1,650</b>	<b>15</b>	<b>1,665</b>
43. Dams and reservoirs .....	544	12	556	2,776	—	2,776	1,650	15	1,665
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>1,032,205</b>	<b>86,981</b>	<b>1,119,186</b>	<b>1,125,252</b>	<b>117,674</b>	<b>1,242,926</b>	<b>1,092,545</b>	<b>128,167</b>	<b>1,220,712</b>
45. Electric power generating plants, including water conveying and controlling structures .....	581,963	22,541	604,504	634,205	45,254	679,459	565,278	48,518	613,796
46. Electric transformer stations <sup>12</sup> .....	42	171	213	444	94	538	—	78	78
47. Power transmission and distribution lines, trolley wires .....	449,755	63,842	513,597	489,778	71,892	561,670	526,633	79,126	605,759
48. Street lighting .....	445	427	872	825	434	1,259	634	445	1,079
<b>Railway, telephone and telegraph .....</b>	<b>365,594</b>	<b>189,411</b>	<b>555,005</b>	<b>409,874</b>	<b>188,417</b>	<b>598,291</b>	<b>430,823</b>	<b>200,776</b>	<b>631,599</b>
49. Railway tracks and roadbed .....	130,361	115,124	245,485	146,168	113,346	259,514	130,297	116,569	246,866
50. Signals and interlockers .....	13,316	15,454	28,770	10,927	15,580	26,507	9,750	16,358	26,108
51. Telegraph and telephone lines, underground and marine cables .....	221,917	58,833	280,750	252,779	59,491	312,270	290,776	67,849	358,625
<b>Gas and oil facilities .....</b>	<b>271,725</b>	<b>21,911</b>	<b>293,636</b>	<b>357,264</b>	<b>19,096</b>	<b>376,360</b>	<b>338,485</b>	<b>19,967</b>	<b>358,452</b>
52. Gas mains and services .....	120,004	8,846	128,850	113,568	9,909	123,477	125,072	10,017	135,089
53. Pumping stations, oil .....	9,366	2,994	12,360	32,605	3,127	35,732	23,679	3,494	27,173
54. Pumping stations, gas .....	44,032	3,370	47,402	27,453	1,437	28,890	14,671	1,191	15,862
55. Oil storage tanks <sup>10</sup> .....	1,357	155	1,512	4,868	121	4,989	6,280	330	6,610
56. Gas storage tanks .....	2,575	31	2,606	1,677	154	1,831	3,409	204	3,613
57. Oil pipe lines .....	16,411	4,892	21,303	14,901	3,397	18,298	40,219	3,921	44,140
58. Gas pipe lines <sup>10</sup> .....	76,307	1,465	77,772	161,575	928	162,503	124,029	786	124,815
59. Oil and gas wells .....	1,652	158	1,810	617	23	640	1,126	24	1,150
61. Oil refinery—Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants .....	21	—	21	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>89,599</b>	<b>13,110</b>	<b>102,709</b>	<b>192,452</b>	<b>13,059</b>	<b>205,511</b>	<b>312,443</b>	<b>13,713</b>	<b>326,156</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	23,886	8,909	32,795	14,473	9,329	23,802	14,076	9,646	23,722
64. Tunnels and subways .....	38,937	778	39,715	36,700	76	36,776	36,435	173	36,608
65. Incinerators .....	6	—	6	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. ....	5	29	34	3	25	28	3	30	33
67. Swimming pools, tennis courts, outdoor recreation facilities....	—	—	—	—	—	—	—	—	—
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	1,482	1,737	3,219	1,335	1,789	3,124	1,366	1,890	3,256
70. Other engineering construction <sup>10</sup> .....	25,283	1,657	26,940	139,941	1,840	141,781	260,563	1,974	262,537

See footnote(s) on page 44.

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1970-72 <sup>1,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>759,643</b>	<b>143,666</b>	<b>903,309</b>	<b>813,451</b>	<b>127,123</b>	<b>940,574</b>	<b>915,373</b>	<b>131,432</b>	<b>1,046,805</b>
<b>Total building construction .....</b>	<b>741,847</b>	<b>141,139</b>	<b>882,986</b>	<b>796,408</b>	<b>124,913</b>	<b>921,321</b>	<b>887,553</b>	<b>128,819</b>	<b>1,016,372</b>
<b>Residential .....</b>	—	—	—	—	—	—	—	—	—
<b>Industrial .....</b>	<b>10,497</b>	<b>1,448</b>	<b>11,945</b>	<b>9,654</b>	<b>2,029</b>	<b>11,683</b>	<b>20,431</b>	<b>1,720</b>	<b>22,151</b>
2. Factories, plants, workshops, food canneries .....	10,497	1,448	11,945	9,636	2,027	11,663	20,431	1,720	22,151
3. Mine and mine mill buildings .....	—	—	—	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings .....	—	—	—	18	2	20	—	—	—
5. Railway shops, engine houses, water and fuel stations .....	—	—	—	—	—	—	—	—	—
<b>Commercial .....</b>	<b>718,235</b>	<b>139,195</b>	<b>857,430</b>	<b>781,751</b>	<b>122,360</b>	<b>904,111</b>	<b>860,288</b>	<b>126,335</b>	<b>986,623</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	22,557	6,534	29,091	23,706	5,573	29,279	25,292	5,358	30,650
7. Grain elevators .....	54	—	54	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	72,708	14,892	87,600	120,791	15,778	136,569	159,370	17,218	176,588
9. Office buildings .....	313,442	36,385	349,827	317,704	32,351	350,055	301,501	32,323	333,824
10. Stores, retail and wholesale .....	218,161	52,037	270,198	235,843	43,085	278,928	272,192	46,038	318,230
11. Garages and service stations .....	57,574	23,840	81,414	50,046	19,135	69,181	63,588	19,440	83,028
12. Theatres, arenas, amusement and recreational buildings .....	31,949	4,326	36,275	32,161	5,167	37,328	37,130	4,719	41,849
13. Laundries and dry cleaning establishments .....	1,790	1,181	2,971	1,500	1,271	2,771	1,215	1,239	2,454
<b>Institutional .....</b>	<b>10,713</b>	<b>70</b>	<b>10,783</b>	<b>565</b>	<b>29</b>	<b>594</b>	<b>1,000</b>	<b>6</b>	<b>1,006</b>
14. Schools and other educational buildings .....	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings .....	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	869	70	939	165	29	194	—	6	6
17. Other institutional buildings .....	9,844	—	9,844	400	—	400	1,000	—	1,000
<b>Other building construction .....</b>	<b>2,402</b>	<b>426</b>	<b>2,828</b>	<b>4,438</b>	<b>495</b>	<b>4,933</b>	<b>5,834</b>	<b>758</b>	<b>6,592</b>
18. Farm buildings (excluding dwellings) .....	4	6	10	—	1	1	—	3	3
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars .....	49	2	51	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. ....	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,520	118	1,638	1,467	137	1,604	1,548	235	1,783
24. Laboratories .....	375	219	594	517	92	609	1,003	126	1,129
25. Other building construction .....	454	81	535	2,454	265	2,719	3,283	394	3,677
<b>Total engineering construction .....</b>	<b>17,796</b>	<b>2,527</b>	<b>20,323</b>	<b>17,043</b>	<b>2,210</b>	<b>19,253</b>	<b>27,820</b>	<b>2,613</b>	<b>30,433</b>
<b>Marine construction .....</b>	<b>92</b>	<b>15</b>	<b>107</b>	<b>17</b>	<b>—</b>	<b>17</b>	<b>10</b>	<b>—</b>	<b>10</b>
26. Docks, wharves, piers, breakwaters .....	61	5	66	2	—	2	—	—	—
27. Retaining walls, embankments, riprapping .....	—	5	5	—	—	—	—	—	—
28. Canals and waterways .....	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
30. Dyke construction .....	31	5	36	—	—	—	—	—	—
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	—	—	—	15	—	15	10	—	10



**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1970-72<sup>1,11</sup>—Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>5,525</b>	<b>1,764</b>	<b>7,289</b>	<b>5,250</b>	<b>1,418</b>	<b>6,668</b>	<b>12,460</b>	<b>1,851</b>	<b>14,311</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	3,103	369	3,472	3,002	102	3,104	3,160	72	3,232
34. Parking lots .....	2,216	1,393	3,609	2,203	1,312	3,515	9,250	1,779	11,029
36. Sidewalks, paths .....	27	2	29	45	4	49	50	—	50
37. Aerodromes, landing fields, runways, tarmac .....	179	—	179	—	—	—	—	—	—
<b>Waterworks and sewage systems .....</b>	<b>4,420</b>	<b>34</b>	<b>4,454</b>	<b>4,849</b>	<b>1</b>	<b>4,850</b>	<b>5,045</b>	<b>1</b>	<b>5,046</b>
38. Tile drains, drainage ditches, storm sewers .....	1,807	22	1,829	1,211	1	1,212	1,592	1	1,593
39. Water mains, hydrants and services .....	1,446	3	1,449	1,058	—	1,058	989	—	989
40. Sewage systems and connections .....	1,166	9	1,175	2,560	—	2,560	2,434	—	2,434
41. Pumping stations, water .....	1	—	1	20	—	20	30	—	30
42. Water storage tanks .....	—	—	—	—	—	—	—	—	—
<b>Dams and irrigation .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>40</b>	<b>—</b>	<b>40</b>	<b>—</b>	<b>—</b>	<b>—</b>
43. Dams and reservoirs .....	—	—	—	40	—	40	—	—	—
44. Irrigation and land reclamation projects .....	—	—	—	—	—	—	—	—	—
<b>Electric power construction .....</b>	<b>244</b>	<b>60</b>	<b>304</b>	<b>110</b>	<b>25</b>	<b>135</b>	<b>45</b>	<b>—</b>	<b>45</b>
45. Electric power generating plants, including water conveying and controlling structures .....	—	47	47	—	—	—	—	—	—
46. Electric transformer stations .....	11	—	11	85	25	110	—	—	—
47. Power transmission and distribution lines, trolley wires .....	139	13	152	20	—	20	22	—	22
48. Street lighting .....	94	—	94	5	—	5	23	—	23
<b>Railway, telephone and telegraph .....</b>	<b>24</b>	<b>1</b>	<b>25</b>	<b>86</b>	<b>—</b>	<b>86</b>	<b>112</b>	<b>—</b>	<b>112</b>
49. Railway tracks and roadbed .....	24	1	25	—	—	—	13	—	13
50. Signals and interlockers .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables .....	—	—	—	86	—	86	99	—	99
<b>Gas and oil facilities .....</b>	<b>4,848</b>	<b>594</b>	<b>5,442</b>	<b>5,442</b>	<b>702</b>	<b>6,144</b>	<b>7,805</b>	<b>739</b>	<b>8,544</b>
52. Gas mains and services .....	—	—	—	—	2	2	—	—	—
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks .....	3,279	432	3,711	5,397	665	6,062	7,585	701	8,286
56. Gas storage tanks .....	1,569	162	1,731	20	—	20	20	—	20
57. Oil pipe lines .....	—	—	—	25	35	60	200	38	238
58. Gas pipe lines .....	—	—	—	—	—	—	—	—	—
59. Oil and gas wells .....	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units .....	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>2,643</b>	<b>59</b>	<b>2,702</b>	<b>1,249</b>	<b>64</b>	<b>1,313</b>	<b>2,343</b>	<b>22</b>	<b>2,365</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	—	—	—	—	—	—	—	—	—
64. Tunnels and subways .....	367	—	367	—	—	—	—	—	—
65. Incinerators .....	—	—	—	2	—	2	—	—	—
66. Park systems, landscaping, sodding, etc. ....	419	26	445	548	45	593	385	13	398
67. Swimming pools, tennis courts, outdoor recreation facilities .....	875	1	876	326	15	341	420	—	420
68. Mine shafts and other below surface workings .....	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails .....	519	32	551	88	—	88	172	4	176
70. Other engineering construction .....	463	—	463	285	4	289	1,366	5	1,371

See footnote(s) on page 44.

**TABLE 14. Total Value of Construction Work Performed—New and Repair by Type of Structure by Federal Government Departments, 1970 - 72<sup>1,8,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>323, 255</b>	<b>105, 428</b>	<b>428, 683</b>	<b>402, 421</b>	<b>98, 200</b>	<b>500, 621</b>	<b>411, 070</b>	<b>103, 796</b>	<b>514, 866</b>
<b>Total building construction .....</b>	<b>166, 450</b>	<b>55, 856</b>	<b>222, 306</b>	<b>241, 314</b>	<b>53, 153</b>	<b>294, 467</b>	<b>249, 819</b>	<b>55, 481</b>	<b>305, 300</b>
2. Factories, plants, workshops, food canneries .....	8, 347	6, 166	14, 513	12, 628	6, 033	18, 661	12, 552	6, 263	18, 815
6. Warehouses, storehouses, refrigerated storage, etc. ....	1, 695	3, 169	4, 864	2, 449	3, 060	5, 509	2, 472	3, 159	5, 631
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1, 078	1, 633	2, 711	1, 484	1, 560	3, 044	1, 490	1, 617	3, 107
9. Office buildings .....	68, 755	18, 041	86, 796	98, 299	16, 893	115, 192	103, 098	17, 557	120, 655
10. Stores, retail and wholesale .....	509	164	673	741	151	892	762	157	919
11. Garages and service stations .....	3, 966	1, 020	4, 986	6, 093	1, 029	7, 122	6, 211	1, 045	7, 256
12. Theatres, arenas, amusement and recreational buildings .....	1, 554	1, 217	2, 771	2, 190	1, 175	3, 365	2, 165	1, 195	3, 360
14. Schools and other educational buildings .....	13, 455	2, 160	15, 615	19, 920	2, 109	22, 029	20, 820	2, 181	23, 001
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	8, 019	2, 934	10, 953	11, 935	2, 622	14, 557	11, 934	2, 831	14, 765
17. Other institutional buildings .....	12, 458	635	13, 093	17, 837	678	18, 515	18, 343	680	19, 023
18. Farm buildings (excluding dwellings) .....	1, 849	468	2, 317	2, 523	440	2, 963	2, 665	466	3, 131
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1, 193	344	1, 537	1, 879	318	2, 197	1, 894	336	2, 230
20. Aeroplane hangars .....	780	1, 045	1, 825	1, 219	966	2, 185	1, 220	1, 029	2, 249
21. Passenger terminals, bus, boat or air .....	10, 448	63	10, 511	14, 454	50	14, 504	15, 335	53	15, 388
22. Armouries, barracks, drill halls, etc. ....	6, 487	6, 507	12, 994	9, 864	6, 079	15, 943	9, 725	6, 423	16, 148
24. Laboratories .....	11, 533	2, 188	13, 721	17, 507	2, 131	19, 638	18, 446	2, 204	20, 650
25. Other building construction .....	14, 324	8, 102	22, 426	20, 292	7, 859	28, 151	20, 687	8, 285	28, 972
<b>Total engineering construction .....</b>	<b>156, 805</b>	<b>49, 572</b>	<b>206, 377</b>	<b>161, 107</b>	<b>45, 047</b>	<b>206, 154</b>	<b>161, 251</b>	<b>48, 315</b>	<b>209, 566</b>
26. Docks, wharves, piers, breakwaters .....	23, 894	4, 477	28, 371	31, 642	3, 931	35, 573	29, 948	4, 049	33, 997
27. Retaining walls, embankments, riprapping .....	4, 081	690	4, 771	6, 243	564	6, 807	6, 326	597	6, 923
28. Canals and waterways .....	4, 515	1, 414	5, 929	6, 337	1, 321	7, 658	6, 048	1, 373	7, 421
29. Dredging and pile driving .....	3, 040	1, 101	4, 141	4, 137	932	5, 069	3, 930	1, 063	4, 993
30. Dyke construction .....	714	64	778	990	69	1, 059	1, 086	67	1, 153
32. Other marine construction .....	1, 747	243	1, 990	2, 324	229	2, 553	2, 049	244	2, 293
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	15, 462	10, 280	25, 742	21, 544	8, 984	30, 528	20, 192	10, 138	30, 330
34. Parking lots .....	1, 495	477	1, 972	2, 076	440	2, 516	2, 164	465	2, 629
37. Aerodromes, landing fields, runways, tarmac .....	11, 106	2, 579	13, 685	15, 190	2, 162	17, 352	15, 277	2, 341	17, 618
38. Tile drains, drainage ditches, storm sewers .....	1, 142	239	1, 381	1, 598	228	1, 826	1, 748	238	1, 986
39. Water mains, hydrants and services .....	4, 937	1, 496	6, 433	7, 225	1, 374	8, 599	6, 954	1, 455	8, 409
40. Sewage systems and connections .....	4, 019	971	4, 990	6, 314	948	7, 262	6, 386	999	7, 385
43. Dams and reservoirs .....	6, 494	2, 184	8, 678	9, 638	1, 836	11, 474	9, 506	2, 016	11, 522
44. Irrigation and land reclamation projects .....	568	998	1, 566	942	871	1, 813	933	998	1, 931
45. Electric power generating plants, including water conveying and controlling structures .....	8, 393	1, 879	10, 272	3, 751	1, 705	5, 456	1, 881	1, 825	3, 706
46. Electric transformer stations .....	389	104	493	8, 230	91	8, 321	14, 123	101	14, 224
47. Power transmission and distribution lines, trolley wires .....	44, 135	1, 260	45, 395	3, 383	1, 246	4, 629	3, 447	1, 301	4, 748
55. Oil storage tanks .....	—	—	—	—	—	—	—	—	—
63. Bridges, trestles, culverts, overpasses, viaducts .....	3, 622	391	4, 013	5, 030	373	5, 403	4, 971	396	5, 367
66. Park systems, landscaping, sodding, etc. ....	2, 339	2, 262	4, 601	3, 345	2, 158	5, 503	3, 495	2, 306	5, 801
67. Swimming pools, tennis courts, outdoor recreation facilities ....	811	364	1, 175	1, 150	347	1, 497	1, 025	368	1, 393
69. Fences, snowsheds, signs, guard rails .....	637	301	938	895	277	1, 172	900	295	1, 195
70. Other engineering construction .....	13, 265	15, 798	29, 063	19, 123	14, 961	34, 084	18, 862	15, 680	34, 542

See footnote(s) on page 44.

**TABLE 15. Total Value of Construction Work Performed—New and Repair by Type of Structure by Provincial Government Departments, 1970-72<sup>1,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>920,825</b>	<b>241,294</b>	<b>1,162,119</b>	<b>1,070,202</b>	<b>275,443</b>	<b>1,345,645</b>	<b>1,170,311</b>	<b>278,574</b>	<b>1,448,885</b>
<b>Total building construction .....</b>	<b>139,874</b>	<b>35,014</b>	<b>174,888</b>	<b>168,253</b>	<b>51,506</b>	<b>219,759</b>	<b>207,555</b>	<b>44,196</b>	<b>251,751</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	5,664	1,589	7,253	9,041	3,161	12,202	10,553	3,104	13,657
9. Office buildings .....	48,243	13,798	62,041	50,146	15,098	65,244	53,013	13,549	66,562
10. Stores, retail and wholesale .....	—	76	76	—	—	—	—	—	—
17. Other institutional buildings .....	53,446	12,451	65,897	69,775	27,676	97,451	88,795	23,640	112,435
24. Laboratories .....	3,383	778	4,161	1,992	182	2,174	10,855	250	11,105
25. Other building construction .....	29,138	6,322	35,460	37,299	5,389	42,688	44,339	3,653	47,992
<b>Total engineering construction .....</b>	<b>780,951</b>	<b>206,280</b>	<b>987,231</b>	<b>901,949</b>	<b>223,937</b>	<b>1,125,886</b>	<b>962,756</b>	<b>234,378</b>	<b>1,197,134</b>
26. Docks, wharves, piers, breakwaters .....	641	855	1,496	967	717	1,684	2,573	806	3,379
27. Retaining walls, embankments, riprapping .....	9,720	12,860	22,580	10,693	12,825	23,518	13,257	12,832	26,089
32. Other marine construction .....	180	2	182	568	1,338	1,906	507	1,313	1,820
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	631,972	160,960	792,932	700,423	173,487	873,910	752,764	184,558	937,322
34. Parking lots .....	732	268	1,000	1,223	597	1,820	1,195	389	1,584
38. Tile drains, drainage ditches, storm sewers .....	3,704	2,908	6,612	5,247	3,310	8,557	4,176	2,460	6,636
39. Water mains, hydrants and services .....	4,097	128	4,225	9,245	570	9,815	7,617	708	8,325
40. Sewage systems and connections .....	3,136	114	3,250	4,141	1,176	5,317	5,804	265	6,069
43. Dams and reservoirs .....	5,358	365	5,723	13,234	219	13,453	11,849	170	12,019
44. Irrigation and land reclamation projects .....	7,367	245	7,612	4,348	830	5,178	1,614	717	2,331
47. Power transmission and distribution lines, trolley wires ....	546	69	615	—	—	—	205	—	205
51. Telegraph and telephone lines, underground and marine cables .....	1,386	105	1,491	223	1	224	—	1	1
63. Bridges, trestles, culverts, overpasses, viaducts .....	77,637	17,339	94,976	92,146	17,158	109,304	98,884	15,583	114,467
66. Park systems, landscaping, sodding, etc. ....	4,748	2,009	6,757	14,142	2,792	16,934	9,370	4,756	14,126
67. Swimming pools, tennis courts, outdoor recreation facilities	1,842	149	1,991	1,392	18	1,410	1,990	135	2,125
69. Fences, snowsheds, signs, guard rails .....	1,164	4,065	5,229	2,731	3,580	6,311	3,550	3,670	7,220
70. Other engineering construction .....	26,721	3,839	30,560	41,226	5,319	46,545	47,401	6,015	53,416

See footnote(s) on page 44.



**TABLE 16. Total Value of Construction Work Performed—New and Repair by Type of Structure by Municipal Government Departments, 1970-72<sup>1,6,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>756,934</b>	<b>159,113</b>	<b>916,047</b>	<b>943,790</b>	<b>168,735</b>	<b>1,112,525</b>	<b>1,025,204</b>	<b>176,693</b>	<b>1,201,897</b>
<b>Total building construction .....</b>	<b>96,194</b>	<b>16,217</b>	<b>112,411</b>	<b>116,706</b>	<b>18,258</b>	<b>134,964</b>	<b>138,615</b>	<b>18,538</b>	<b>157,153</b>
9. Office buildings .....	19,563	3,111	22,674	14,792	3,340	18,132	25,684	3,213	28,897
12. Theatres, arenas, amusement and recreational buildings .....	36,299	7,444	43,743	50,573	7,763	58,336	62,311	7,811	70,122
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	14,078	472	14,550	13,204	320	13,524	11,471	107	11,578
17. Other institutional buildings .....	11,096	1,948	13,044	19,326	3,078	22,404	15,440	3,125	18,565
24. Laboratories .....	—	—	—	—	—	—	—	—	—
25. Other building construction .....	15,158	3,242	18,400	18,811	3,757	22,568	23,709	4,282	27,991
<b>Total engineering construction .....</b>	<b>660,740</b>	<b>142,896</b>	<b>803,636</b>	<b>827,084</b>	<b>150,477</b>	<b>977,561</b>	<b>886,589</b>	<b>158,155</b>	<b>1,044,744</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	257,196	67,748	324,944	301,586	71,298	372,884	316,995	73,257	390,252
34. Parking lots .....	—	—	—	—	—	—	—	—	—
36. Sidewalks, paths .....	13,405	6,163	19,568	16,488	6,695	23,183	17,860	6,382	24,242
40. Waterworks <sup>6</sup> and sewage systems .....	289,064	52,714	341,778	386,367	58,513	444,880	426,297	62,538	488,835
48. Street lighting .....	6,895	3,205	10,100	8,018	3,868	11,886	7,043	3,932	10,975
63. Bridges, trestles, culverts, overpasses, viaducts .....	43,027	2,890	45,917	41,325	2,372	43,697	37,970	2,197	40,167
70. Other engineering construction .....	51,153	10,176	61,329	73,300	7,731	81,031	80,424	9,849	90,273

See footnote(s) on page 44.

**TABLE 17. Total Value of Construction Work Performed—New and Repair by Residential and Institutional Services, 1970-72<sup>1,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Residential:</b>									
<b>Total value of construction .....</b>	<b>3,137,800</b>	<b>870,700</b>	<b>4,008,500</b>	<b>3,928,600</b>	<b>899,400</b>	<b>4,828,000</b>	<b>4,254,000</b>	<b>929,700</b>	<b>5,183,700</b>
<b>Institutional:</b>									
<b>Total value of construction .....</b>	<b>1,094,988</b>	<b>104,658</b>	<b>1,199,646</b>	<b>1,180,234</b>	<b>117,014</b>	<b>1,297,248</b>	<b>1,129,254</b>	<b>130,950</b>	<b>1,260,204</b>
<b>Total building construction .....</b>	<b>1,082,177</b>	<b>104,313</b>	<b>1,186,490</b>	<b>1,168,042</b>	<b>116,649</b>	<b>1,284,691</b>	<b>1,115,366</b>	<b>130,667</b>	<b>1,246,033</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	—	104	104	200	—	200	900	—	900
9. Office buildings .....	—	29	29	—	20	20	1,000	61	1,061
12. Theatres, arenas, amusement and recreational buildings .....	600	36	636	166	10	176	—	15	15
14. Schools and other educational buildings .....	808,998	64,825	873,823	852,592	72,479	925,071	790,286	77,214	867,500
15. Churches and other religious buildings .....	22,189	6,738	28,927	12,184	6,799	18,983	17,537	6,568	24,105
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	207,190	29,050	236,240	237,385	33,436	270,821	261,727	43,590	305,317
17. Other institutional buildings .....	42,665	3,482	46,147	65,466	3,904	69,370	42,916	3,218	46,134
18. Farm buildings (excluding dwellings) .....	25	46	71	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	—	—	—	—	—	—	—	—	—
24. Laboratories .....	2	—	2	—	—	—	—	—	—
25. Other building construction .....	508	3	511	49	1	50	1,000	1	1,001
<b>Total engineering construction .....</b>	<b>12,811</b>	<b>345</b>	<b>13,156</b>	<b>12,192</b>	<b>365</b>	<b>12,557</b>	<b>13,888</b>	<b>283</b>	<b>14,171</b>

See footnote(s) on page 44.

TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1970-72 <sup>1,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>368,101</b>	<b>46,998</b>	<b>415,099</b>	<b>496,491</b>	<b>42,724</b>	<b>539,215</b>	<b>548,678</b>	<b>45,998</b>	<b>594,676</b>
<b>Total building construction .....</b>	<b>86,868</b>	<b>36,722</b>	<b>123,590</b>	<b>196,908</b>	<b>29,854</b>	<b>226,762</b>	<b>243,499</b>	<b>31,717</b>	<b>275,216</b>
Residential .....	47,900	17,000	64,900	69,300	17,600	86,900	79,400	18,100	97,500
Industrial .....	10,297	5,586	15,883	78,927	4,428	83,355	69,126	5,156	74,282
Commercial .....	8,499	3,749	12,248	8,488	3,160	11,648	15,185	3,584	18,769
Institutional .....	14,443	1,950	16,393	37,192	4,185	41,377	74,059	4,302	78,361
Other building construction .....	5,729	8,437	14,166	3,001	481	3,482	5,729	575	6,304
<b>Total engineering construction .....</b>	<b>281,233</b>	<b>10,276</b>	<b>291,509</b>	<b>299,583</b>	<b>12,870</b>	<b>312,453</b>	<b>305,179</b>	<b>14,281</b>	<b>319,460</b>
Marine construction .....	4,044	771	4,815	4,992	992	5,984	18,721	884	19,605
Road, highway and aerodrome construction .....	46,373	5,582	51,955	72,323	7,430	79,753	56,375	8,368	64,743
Waterworks and sewage systems .....	1,226	109	1,335	7,202	346	7,548	11,923	517	12,440
Dams and irrigation .....	200,250	1,218	201,468	139,599	1,703	141,302	91,292	2,055	93,347
Electric power construction .....									
Railway, telephone and telegraph .....	4,467	1,585	6,052	9,045	1,611	10,656	7,103	1,751	8,854
Gas and oil facilities .....	15,801	41	15,842	49,223	28	49,251	108,544	31	108,575
Other engineering construction .....	9,072	970	10,042	17,199	760	17,959	11,221	675	11,896

See footnote(s) on page 44.

TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1970-72 <sup>1,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>34,247</b>	<b>11,414</b>	<b>45,661</b>	<b>47,897</b>	<b>9,491</b>	<b>57,388</b>	<b>56,827</b>	<b>10,289</b>	<b>67,116</b>
<b>Total building construction .....</b>	<b>20,742</b>	<b>7,513</b>	<b>28,255</b>	<b>33,653</b>	<b>6,449</b>	<b>40,102</b>	<b>39,814</b>	<b>6,982</b>	<b>46,796</b>
Residential .....	13,100	4,400	17,500	23,900	4,600	28,500	25,900	4,800	30,700
Industrial .....	575	286	861	734	170	904	631	217	848
Commercial .....	2,783	1,044	3,827	2,597	561	3,158	2,472	608	3,080
Institutional .....	3,058	669	3,727	4,945	700	5,645	9,432	774	10,206
Other building construction .....	1,226	1,114	2,340	1,477	418	1,895	1,379	583	1,962
<b>Total engineering construction .....</b>	<b>13,505</b>	<b>3,901</b>	<b>17,406</b>	<b>14,244</b>	<b>3,042</b>	<b>17,286</b>	<b>17,013</b>	<b>3,307</b>	<b>20,320</b>
Marine construction .....	514	204	718	643	108	751	2,826	134	2,960
Road, highway and aerodrome construction .....	6,537	1,686	8,223	5,949	1,478	7,427	6,544	1,492	8,036
Waterworks and sewage systems .....	799	201	1,000	2,400	88	2,488	2,799	97	2,896
Dams and irrigation .....	75	95	170	313	29	342	32	42	74
Electric power construction .....	1,097	373	1,470	3,234	315	3,549	1,877	348	2,225
Railway, telephone and telegraph .....	739	237	976	864	237	1,101	843	266	1,109
Gas and oil facilities .....	2,962	7	2,969	196	57	253	221	63	284
Other engineering construction .....	782	1,098	1,880	645	730	1,375	1,871	865	2,736

See footnote(s) on page 44.

**TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure — Nova Scotia, 1970 - 72<sup>1,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>402,916</b>	<b>81,793</b>	<b>484,709</b>	<b>376,673</b>	<b>89,338</b>	<b>466,011</b>	<b>437,240</b>	<b>89,224</b>	<b>526,464</b>
<b>Total building construction .....</b>	<b>217,255</b>	<b>53,343</b>	<b>270,598</b>	<b>214,993</b>	<b>50,698</b>	<b>265,691</b>	<b>227,480</b>	<b>53,015</b>	<b>280,495</b>
<b>Residential .....</b>	<b>105,000</b>	<b>31,900</b>	<b>136,900</b>	<b>120,100</b>	<b>32,900</b>	<b>153,000</b>	<b>140,300</b>	<b>33,900</b>	<b>174,200</b>
<b>Industrial .....</b>	<b>39,890</b>	<b>3,664</b>	<b>43,554</b>	<b>39,399</b>	<b>3,845</b>	<b>43,244</b>	<b>13,261</b>	<b>4,355</b>	<b>17,616</b>
2. Factories, plants, workshops, food canneries .....	39,539	3,197	42,736	39,059	3,330	42,389	12,910	3,878	16,788
3. Mine and mine mill buildings .....	6	145	151	56	159	215	104	150	254
4. Railway stations, offices, roadway buildings .....	220	191	411	148	187	335	156	197	353
5. Railway shops, engine houses, water and fuel stations .....	125	131	256	136	169	305	91	130	221
<b>Commercial .....</b>	<b>29,210</b>	<b>10,264</b>	<b>39,474</b>	<b>22,339</b>	<b>6,999</b>	<b>29,338</b>	<b>30,185</b>	<b>7,509</b>	<b>37,694</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,504	933	2,437	1,333	952	2,285	485	992	1,477
7. Grain elevators .....	—	41	41	7	69	76	1	95	96
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	3,358	988	4,346	5,192	841	6,033	9,632	1,127	10,759
9. Office buildings .....	15,098	4,345	19,443	10,404	2,252	12,656	10,159	2,145	12,304
10. Stores, retail and wholesale .....	5,220	1,647	6,867	2,251	1,119	3,370	5,966	1,359	7,325
11. Garages and service stations .....	2,870	1,438	4,308	2,532	1,184	3,716	3,076	1,176	4,252
12. Theatres, arenas, amusement and recreational buildings .....	1,039	851	1,890	620	548	1,168	866	571	1,437
13. Laundries and dry cleaning establishments .....	121	21	142	—	34	34	—	44	44
<b>Institutional .....</b>	<b>37,699</b>	<b>4,217</b>	<b>41,916</b>	<b>28,451</b>	<b>3,944</b>	<b>32,395</b>	<b>39,879</b>	<b>4,299</b>	<b>44,178</b>
14. Schools and other educational buildings .....	32,742	2,591	35,333	21,950	2,187	24,137	30,507	2,109	32,616
15. Churches and other religious buildings .....	416	188	604	551	275	826	748	483	1,231
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,715	742	4,457	1,100	1,010	2,110	5,078	1,172	6,250
17. Other institutional buildings .....	826	696	1,522	4,850	472	5,322	3,546	535	4,081
<b>Other building construction .....</b>	<b>5,456</b>	<b>3,298</b>	<b>8,754</b>	<b>4,704</b>	<b>3,010</b>	<b>7,714</b>	<b>3,855</b>	<b>2,952</b>	<b>6,807</b>
18. Farm buildings (excluding dwellings) .....	1,397	838	2,235	1,025	619	1,644	940	571	1,511
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,311	306	1,617	278	138	416	374	132	506
20. Aeroplane hangars .....	158	42	200	138	54	192	117	43	160
21. Passenger terminals, bus, boat or air .....	105	18	123	142	18	160	145	17	162
22. Armouries, barracks, drill halls, etc. ....	515	764	1,279	668	828	1,496	543	797	1,340
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	505	1	506	21	20	41	18	26	44
24. Laboratories .....	136	60	196	176	75	251	245	76	321
25. Other building construction .....	1,329	1,269	2,598	2,256	1,258	3,514	1,473	1,290	2,763
<b>Total engineering construction .....</b>	<b>185,661</b>	<b>28,450</b>	<b>214,111</b>	<b>161,680</b>	<b>38,640</b>	<b>200,320</b>	<b>209,760</b>	<b>36,209</b>	<b>245,969</b>
<b>Marine construction .....</b>	<b>21,046</b>	<b>1,598</b>	<b>22,644</b>	<b>9,393</b>	<b>2,347</b>	<b>11,740</b>	<b>6,598</b>	<b>2,113</b>	<b>8,711</b>
26. Docks, wharves, piers, breakwaters .....	19,621	1,329	20,950	7,873	1,669	9,542	5,440	1,696	7,136
27. Retaining walls, embankments, riprapping .....	83	17	100	108	31	139	88	34	122
28. Canals and waterways .....	4	1	5	5	1	6	4	1	5
29. Dredging and pile driving .....	559	11	570	751	12	763	589	11	600
30. Dyke construction .....	17	64	81	22	141	163	18	67	85
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	762	176	938	634	493	1,127	459	304	763

See footnote(s) on page 44.



**TABLE 20. Total Value of Construction Work Performed - New and Repair by Type of Structure - Nova Scotia, 1970-72<sup>1,11</sup> - Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>44,013</b>	<b>11,891</b>	<b>55,904</b>	<b>45,993</b>	<b>14,162</b>	<b>60,155</b>	<b>48,105</b>	<b>14,433</b>	<b>62,538</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	41,550	11,551	53,101	44,354	13,910	58,264	46,689	14,170	60,859
34. Parking lots .....	1,229	70	1,299	398	71	469	332	74	406
36. Sidewalks, paths .....	407	161	568	169	63	232	212	75	287
37. Aerodromes, landing fields, runways, tarmac .....	827	109	936	1,072	118	1,190	872	114	986
<b>Waterworks and sewage systems .....</b>	<b>9,199</b>	<b>1,553</b>	<b>10,752</b>	<b>12,289</b>	<b>1,131</b>	<b>13,420</b>	<b>15,218</b>	<b>1,185</b>	<b>16,403</b>
38. Tile drains, drainage ditches, storm sewers .....	1,513	248	1,761	1,285	164	1,449	715	240	955
39. Water mains, hydrants and services .....	1,178	462	1,640	2,785	527	3,312	2,616	531	3,147
40. Sewage systems and connections .....	5,376	376	5,752	7,900	309	8,209	11,774	268	12,042
41. Pumping stations, water .....	1,046	455	1,501	239	122	361	82	138	220
42. Water storage tanks .....	86	12	98	80	9	89	31	8	39
<b>Dams and irrigation .....</b>	<b>1,384</b>	<b>115</b>	<b>1,499</b>	<b>1,466</b>	<b>91</b>	<b>1,557</b>	<b>1,184</b>	<b>96</b>	<b>1,280</b>
43. Dams and reservoirs .....	1,217	6	1,223	1,343	9	1,352	1,064	20	1,084
44. Irrigation and land reclamation projects .....	167	109	276	123	82	205	120	76	196
<b>Electric power construction .....</b>	<b>24,726</b>	<b>2,183</b>	<b>26,909</b>	<b>33,411</b>	<b>3,616</b>	<b>37,027</b>	<b>30,668</b>	<b>2,400</b>	<b>33,068</b>
45. Electric power generating plants, including water conveying and controlling structures .....	4,659	279	4,938	15,120	1,069	16,189	9,024	707	9,731
46. Electric transformer stations .....	4,754	16	4,770	1	79	80	1	87	88
47. Power transmission and distribution lines, trolley wires .....	14,969	1,825	16,794	17,980	2,462	20,442	21,358	1,584	22,942
48. Street lighting .....	344	63	407	310	6	316	285	22	307
<b>Railway, telephone and telegraph .....</b>	<b>8,041</b>	<b>3,870</b>	<b>11,911</b>	<b>8,415</b>	<b>3,940</b>	<b>12,355</b>	<b>10,727</b>	<b>4,205</b>	<b>14,932</b>
49. Railway tracks and roadbed .....	2,144	2,217	4,361	1,814	2,083	3,897	2,080	2,125	4,205
50. Signals and interlockers .....	258	302	560	235	297	532	213	312	525
51. Telegraph and telephone lines, underground and marine cables .....	5,639	1,351	6,990	6,366	1,560	7,926	8,434	1,768	10,202
<b>Gas and oil facilities .....</b>	<b>33,499</b>	<b>2,792</b>	<b>36,291</b>	<b>13,219</b>	<b>9,710</b>	<b>22,929</b>	<b>19,755</b>	<b>8,355</b>	<b>28,110</b>
52. Gas mains and services .....	-	-	-	-	-	-	-	-	-
53. Pumping stations, oil .....	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas .....	-	-	-	-	-	-	-	-	-
55. Oil storage tanks .....	16,571	55	16,626	248	375	623	313	420	733
56. Gas storage tanks .....	-	1	1	-	-	-	-	-	-
57. Oil pipe lines .....	-	3	3	-	104	104	-	-	-
58. Gas pipe lines .....	-	7	7	-	7	7	-	5	5
59. Oil and gas wells .....	-	-	-	-	-	-	-	-	-
61. Oil refinery - Processing units .....	16,928	2,726	19,654	12,971	9,224	22,195	19,442	7,930	27,372
62. Natural gas processing plants .....	-	-	-	-	-	-	-	-	-
<b>Other engineering construction .....</b>	<b>43,753</b>	<b>4,448</b>	<b>48,201</b>	<b>37,494</b>	<b>3,643</b>	<b>41,137</b>	<b>77,505</b>	<b>3,422</b>	<b>80,927</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	13,054	1,465	14,519	12,612	299	12,911	11,652	233	11,885
64. Tunnels and subways .....	-	8	8	-	9	9	-	8	8
65. Incinerators .....	14	295	309	17	415	432	1	354	355
66. Park systems, landscaping, sodding, etc. ....	89	96	185	759	149	908	1,341	203	1,544
67. Swimming pools, tennis courts, outdoor recreation facilities ....	410	82	492	794	119	913	652	128	780
68. Mine shafts and other below surface workings .....	2,382	10	2,392	3,844	12	3,856	9,697	9	9,706
69. Fences, snowsheds, signs, guard rails .....	346	226	572	307	259	566	273	249	522
70. Other engineering construction .....	27,458	2,266	29,724	19,161	2,381	21,542	53,889	2,238	56,127

See footnote(s) on page 44.

**TABLE 21. Total Value of Construction Work Performed—New and Repair by Type of Structure—New Brunswick, 1970-72<sup>1,10,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>273,743</b>	<b>66,155</b>	<b>339,898</b>	<b>281,001</b>	<b>68,847</b>	<b>349,848</b>	<b>317,377</b>	<b>73,482</b>	<b>390,859</b>
<b>Total building construction .....</b>	<b>158,888</b>	<b>38,131</b>	<b>197,019</b>	<b>161,766</b>	<b>39,422</b>	<b>201,188</b>	<b>167,919</b>	<b>41,448</b>	<b>209,367</b>
<b>Residential .....</b>	<b>62,600</b>	<b>23,800</b>	<b>86,400</b>	<b>81,400</b>	<b>24,200</b>	<b>105,600</b>	<b>98,700</b>	<b>24,700</b>	<b>123,400</b>
<b>Industrial .....</b>	<b>26,974</b>	<b>2,561</b>	<b>29,535</b>	<b>24,351</b>	<b>1,938</b>	<b>26,289</b>	<b>12,172</b>	<b>2,438</b>	<b>14,610</b>
2. Factories, plants, workshops, food canneries .....	25,114	1,775	26,889	22,946	1,419	24,365	10,731	1,890	12,621
3. Mine and mine mill buildings .....	746	66	812	856	45	901	905	43	948
4. Railway stations, offices, roadway buildings .....	884	437	1,321	347	293	640	342	312	654
5. Railway shops, engine houses, water and fuel stations .....	230	283	513	202	181	383	194	193	387
<b>Commercial .....</b>	<b>21,589</b>	<b>5,517</b>	<b>27,106</b>	<b>23,425</b>	<b>7,216</b>	<b>30,641</b>	<b>17,028</b>	<b>7,423</b>	<b>24,451</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	1,356	1,106	2,462	2,178	1,220	3,398	2,722	1,200	3,922
7. Grain elevators .....	18	20	38	2	77	79	2	60	62
8. Hotels, clubs, restaurants, cafeterias, tourist cabins ..	804	200	1,004	3,369	231	3,600	2,240	255	2,495
9. Office buildings .....	9,354	1,252	10,606	7,982	3,125	11,107	5,001	3,510	8,511
10. Stores, retail and wholesale .....	6,849	1,320	8,169	5,265	1,066	6,331	4,043	892	4,935
11. Garages and service stations .....	2,308	1,277	3,585	2,728	1,193	3,921	2,182	1,198	3,380
12. Theatres, arenas, amusement and recreational buildings ..	851	328	1,179	1,901	262	2,163	838	252	1,090
13. Laundries and dry cleaning establishments .....	49	14	63	—	42	42	—	56	56
<b>Institutional .....</b>	<b>43,741</b>	<b>4,038</b>	<b>47,779</b>	<b>27,449</b>	<b>4,183</b>	<b>31,632</b>	<b>35,266</b>	<b>4,864</b>	<b>40,130</b>
14. Schools and other educational buildings .....	35,055	2,294	37,349	19,209	2,042	21,251	18,407	2,638	21,045
15. Churches and other religious buildings .....	1,015	345	1,360	310	818	1,128	345	599	944
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	5,364	1,193	6,557	5,584	1,162	6,746	14,291	1,529	15,820
17. Other institutional buildings .....	2,307	206	2,513	2,346	161	2,507	2,223	98	2,321
<b>Other building construction .....</b>	<b>3,984</b>	<b>2,215</b>	<b>6,199</b>	<b>5,141</b>	<b>1,885</b>	<b>7,026</b>	<b>4,753</b>	<b>2,023</b>	<b>6,776</b>
18. Farm buildings (excluding dwellings) .....	1,577	962	2,539	1,611	928	2,539	1,473	870	2,343
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,350	191	1,541	1,271	243	1,514	1,711	277	1,988
20. Aeroplane hangars .....	91	16	107	127	14	141	86	15	101
21. Passenger terminals, bus, boat or air .....	—	—	—	10	—	10	—	—	—
22. Armouries, barracks, drill halls, etc. ....	142	460	602	178	391	569	134	415	549
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	186	238	424	285	78	363	118	204	322
24. Laboratories .....	96	79	175	120	67	187	90	71	161
25. Other building construction .....	542	269	811	1,539	164	1,703	1,141	171	1,312
<b>Total engineering construction .....</b>	<b>114,855</b>	<b>28,024</b>	<b>142,879</b>	<b>119,235</b>	<b>29,425</b>	<b>148,660</b>	<b>149,458</b>	<b>32,034</b>	<b>181,492</b>
<b>Marine construction .....</b>	<b>10,875</b>	<b>1,121</b>	<b>11,996</b>	<b>8,093</b>	<b>1,037</b>	<b>9,130</b>	<b>21,925</b>	<b>1,059</b>	<b>22,984</b>
26. Docks, wharves, piers, breakwaters .....	10,292	738	11,030	7,189	865	8,054	21,246	869	22,115
27. Retaining walls, embankments, riprapping .....	5	86	91	54	13	67	10	20	30
28. Canals and waterways .....	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving .....	578	284	862	690	153	843	517	163	680
30. Dyke construction .....	—	—	—	—	—	—	152	—	152
31. Logging booms .....	—	13	13	—	6	6	—	7	7
32. Other marine construction .....	—	—	—	160	—	160	—	—	—

**TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure — New Brunswick, 1970-72<sup>1,11</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>38,103</b>	<b>12,584</b>	<b>50,687</b>	<b>33,402</b>	<b>14,258</b>	<b>47,660</b>	<b>52,913</b>	<b>15,911</b>	<b>68,824</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	37,213	12,388	49,601	32,431	14,121	46,552	51,650	15,791	67,441
34. Parking lots .....	144	65	209	107	31	138	468	38	506
36. Sidewalks, paths .....	299	63	362	303	44	347	374	16	390
37. Aerodromes, landing fields, runways, tarmac .....	447	68	515	561	62	623	421	66	487
<b>Waterworks and sewage systems .....</b>	<b>7,606</b>	<b>1,604</b>	<b>9,210</b>	<b>9,523</b>	<b>1,250</b>	<b>10,773</b>	<b>11,636</b>	<b>1,088</b>	<b>12,724</b>
38. Tile drains, drainage ditches, storm sewers .....	512	179	691	703	559	1,262	282	145	427
39. Water mains, hydrants and services .....	2,516	666	3,182	2,954	390	3,344	1,394	360	1,754
40. Sewage systems and connections .....	3,713	642	4,355	5,247	272	5,519	9,864	553	10,417
41. Pumping stations, water .....	469	100	569	143	9	152	77	16	93
42. Water storage tanks .....	396	17	413	476	20	496	19	14	33
<b>Dams and irrigation .....</b>	<b>414</b>	<b>414</b>	<b>828</b>	<b>5,862</b>	<b>355</b>	<b>6,217</b>	<b>1,682</b>	<b>342</b>	<b>2,024</b>
43. Dams and reservoirs .....	175	299	474	5,600	244	5,844	1,389	238	1,627
44. Irrigation and land reclamation projects .....	239	115	354	262	111	373	293	104	397
<b>Electric power construction .....</b>	<b>18,235</b>	<b>1,584</b>	<b>19,819</b>	<b>12,276</b>	<b>1,549</b>	<b>13,825</b>	<b>22,122</b>	<b>1,917</b>	<b>24,039</b>
45. Electric power generating plants, including water conveying and controlling structures .....	10,236	212	10,448	2,689	787	3,476	11,174	1,128	12,302
46. Electric transformer stations .....	—	2	2	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires .....	7,813	1,328	9,141	9,483	666	10,149	10,906	719	11,625
48. Street lighting .....	186	42	228	104	96	200	42	70	112
<b>Railway, telephone and telegraph .....</b>	<b>10,166</b>	<b>6,535</b>	<b>16,701</b>	<b>10,041</b>	<b>7,070</b>	<b>17,111</b>	<b>12,587</b>	<b>7,454</b>	<b>20,041</b>
49. Railway tracks and roadbed .....	4,163	4,708	8,871	3,666	4,954	8,620	3,564	5,151	8,715
50. Signals and interlockers .....	452	650	1,102	475	729	1,204	428	760	1,188
51. Telegraph and telephone lines, underground and marine cables .....	5,551	1,177	6,728	5,900	1,387	7,287	8,595	1,543	10,138
<b>Gas and oil facilities .....</b>	<b>353</b>	<b>529</b>	<b>882</b>	<b>4,569</b>	<b>890</b>	<b>5,459</b>	<b>2,583</b>	<b>1,102</b>	<b>3,685</b>
52. Gas mains and services .....	2	2	4	5	—	5	5	—	5
53. Pumping stations, oil .....	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas .....	—	—	—	—	—	—	—	—	—
55. Oil storage tanks <sup>10</sup> .....	237	21	258	4,418	93	4,511	2,574	102	2,676
56. Gas storage tanks .....	—	—	—	—	—	—	—	—	—
57. Oil pipe lines .....	—	—	—	—	—	—	—	—	—
58. Gas pipe lines .....	—	—	—	20	—	20	4	—	4
59. Oil and gas wells .....	114	—	114	126	—	126	—	—	—
61. Oil refinery — Processing units <sup>10</sup> .....	—	506	506	—	797	797	—	1,000	1,000
62. Natural gas processing plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>29,103</b>	<b>3,653</b>	<b>32,756</b>	<b>35,469</b>	<b>3,016</b>	<b>38,485</b>	<b>24,010</b>	<b>3,161</b>	<b>27,171</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	15,123	2,295	17,418	9,960	1,751	11,711	8,616	1,906	10,522
64. Tunnels and subways .....	2	1	3	2	1	3	2	1	3
65. Incinerators .....	—	3	3	—	10	10	—	17	17
66. Park systems, landscaping, sodding, etc. ....	183	335	518	1,380	313	1,693	302	302	604
67. Swimming pools, tennis courts, outdoor recreation facilities .....	486	19	505	243	21	264	289	18	307
68. Mine shafts and other below surface workings .....	6,300	51	6,351	5,954	56	6,010	3,602	19	3,621
69. Fences, snowsheds, signs, guard rails .....	320	237	557	311	245	556	274	239	513
70. Other engineering construction <sup>10</sup> .....	6,689	712	7,401	17,619	619	18,238	10,925	659	11,584

See footnote(s) on page 44.



TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure - Quebec, 1970-72<sup>1,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>2,192,704</b>	<b>595,829</b>	<b>2,788,533</b>	<b>2,670,416</b>	<b>582,173</b>	<b>3,252,589</b>	<b>2,913,614</b>	<b>603,774</b>	<b>3,517,388</b>
<b>Total building construction .....</b>	<b>1,399,465</b>	<b>361,002</b>	<b>1,760,467</b>	<b>1,679,689</b>	<b>353,165</b>	<b>2,032,854</b>	<b>1,835,356</b>	<b>363,568</b>	<b>2,198,924</b>
<b>Residential .....</b>	<b>677,700</b>	<b>191,900</b>	<b>869,600</b>	<b>846,900</b>	<b>197,800</b>	<b>1,044,700</b>	<b>949,500</b>	<b>203,400</b>	<b>1,152,900</b>
<b>Industrial .....</b>	<b>113,534</b>	<b>47,732</b>	<b>161,266</b>	<b>160,364</b>	<b>45,012</b>	<b>205,376</b>	<b>214,875</b>	<b>45,507</b>	<b>260,382</b>
2. Factories, plants, workshops, food canneries ....	92,873	40,824	133,697	104,595	39,537	144,132	113,338	39,775	153,113
3. Mine and mine mill buildings .....	15,359	2,353	17,712	54,020	2,835	56,855	100,004	2,895	102,899
4. Railway stations, offices, roadway buildings ....	4,490	2,387	6,877	1,072	1,586	2,658	981	1,761	2,742
5. Railway shops, engine houses, water and fuel stations .....	812	2,168	2,980	677	1,054	1,731	552	1,076	1,628
<b>Commercial .....</b>	<b>187,205</b>	<b>61,809</b>	<b>249,014</b>	<b>207,076</b>	<b>46,036</b>	<b>253,112</b>	<b>267,750</b>	<b>48,575</b>	<b>316,325</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	12,938	3,500	16,438	12,944	3,522	16,466	15,770	3,160	18,930
7. Grain elevators .....	23	420	443	137	370	507	704	406	1,110
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	8,761	3,818	12,579	11,519	3,443	14,962	34,480	3,738	38,218
9. Office buildings .....	91,421	20,638	112,059	103,889	16,487	120,376	117,871	17,403	135,274
10. Stores, retail and wholesale .....	32,083	17,056	49,139	37,341	9,805	47,146	48,744	11,188	59,932
11. Garages and service stations .....	21,385	9,861	31,246	16,117	5,977	22,094	25,559	6,177	31,736
12. Theatres, arenas, amusement and recreational buildings .....	20,298	6,202	26,500	24,704	6,237	30,941	24,385	6,308	30,693
13. Laundries and dry cleaning establishments .....	296	314	610	425	195	620	237	195	432
<b>Institutional .....</b>	<b>328,764</b>	<b>38,019</b>	<b>366,783</b>	<b>386,860</b>	<b>43,557</b>	<b>430,417</b>	<b>336,023</b>	<b>44,301</b>	<b>380,324</b>
14. Schools and other educational buildings .....	218,709	19,423	238,132	271,629	24,606	296,235	217,073	25,129	242,202
15. Churches and other religious buildings .....	4,075	1,183	5,258	1,464	1,906	3,370	5,397	2,143	7,540
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	60,131	9,662	69,793	54,213	8,798	63,011	57,442	9,612	67,054
17. Other institutional buildings .....	45,849	7,751	53,600	59,554	8,247	67,801	56,111	7,417	63,528
<b>Other building construction .....</b>	<b>92,262</b>	<b>21,542</b>	<b>113,804</b>	<b>78,489</b>	<b>20,760</b>	<b>99,249</b>	<b>67,208</b>	<b>21,785</b>	<b>88,993</b>
18. Farm buildings (excluding dwellings) .....	32,718	10,254	42,972	28,015	8,748	36,763	28,847	9,032	37,879
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	26,017	1,881	27,898	15,858	2,117	17,975	8,118	2,313	10,431
20. Aeroplane hangars .....	7,140	600	7,740	5,050	99	5,149	1,643	109	1,752
21. Passenger terminals, bus, boat or air .....	7,280	98	7,378	4,521	4,633	9,154	3,307	5,029	8,336
22. Armouries, barracks, drill halls, etc. ....	3,608	1,280	4,888	5,578	997	6,575	5,667	1,081	6,748
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	868	844	1,712	1,887	624	2,511	513	530	1,043
24. Laboratories .....	1,806	276	2,082	2,682	188	2,870	2,666	173	2,839
25. Other building construction .....	12,825	6,309	19,134	14,898	3,354	18,252	16,447	3,518	19,965
<b>Total engineering construction .....</b>	<b>793,239</b>	<b>234,827</b>	<b>1,028,066</b>	<b>990,727</b>	<b>229,008</b>	<b>1,219,735</b>	<b>1,078,258</b>	<b>240,206</b>	<b>1,318,464</b>
<b>Marine construction .....</b>	<b>37,393</b>	<b>16,712</b>	<b>54,105</b>	<b>47,841</b>	<b>16,024</b>	<b>63,865</b>	<b>52,557</b>	<b>16,794</b>	<b>69,351</b>
26. Docks, wharves, piers, breakwaters .....	12,353	1,900	14,253	19,122	1,660	20,782	22,284	1,625	23,909
27. Retaining walls, embankments, riprapping .....	12,461	13,219	25,680	15,279	13,079	28,358	15,903	13,138	29,041
28. Canals and waterways .....	10,450	923	11,373	11,485	662	12,147	11,943	752	12,695
29. Dredging and pile driving .....	1,856	186	2,042	904	105	1,009	919	155	1,074
30. Dyke construction .....	21	38	59	247	2	249	13	3	16
31. Logging booms .....	153	137	290	344	162	506	191	172	363
32. Other marine construction .....	99	309	408	460	354	814	1,304	949	2,253

**TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure — Quebec, 1970-72<sup>1,11</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>207,807</b>	<b>84,127</b>	<b>291,934</b>	<b>241,899<sup>a</sup></b>	<b>83,446</b>	<b>325,345</b>	<b>259,776</b>	<b>85,151</b>	<b>344,927</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	203,321	79,479	282,800	235,656	79,072	314,728	251,828	80,325	332,153
34. Parking lots .....	743	535	1,278	1,320	441	1,761	2,543	750	3,293
36. Sidewalks, paths .....	2,831	2,959	5,790	3,646	3,017	6,663	4,108	3,099	7,207
37. Aerodromes, landing fields, runways, tarmac .....	912	1,154	2,066	1,277	916	2,193	1,297	977	2,274
<b>Waterworks and sewage systems .....</b>	<b>92,077</b>	<b>34,511</b>	<b>126,588</b>	<b>116,718</b>	<b>34,303</b>	<b>151,021</b>	<b>132,389</b>	<b>35,259</b>	<b>167,648</b>
38. Tile drains, drainage ditches, storm sewers .....	3,514	3,285	6,799	3,030	3,109	6,139	3,151	3,159	6,310
39. Water mains, hydrants and services .....	19,446	20,740	40,186	24,812	20,736	45,548	27,617	21,353	48,970
40. Sewage systems and connections .....	62,877	8,876	71,753	81,514	8,929	90,443	93,393	9,213	102,606
41. Pumping stations, water .....	5,647	1,363	7,010	6,931	1,367	8,298	7,791	1,372	9,163
42. Water storage tanks .....	593	247	840	431	162	593	437	162	599
<b>Dams and irrigation .....</b>	<b>5,764</b>	<b>1,401</b>	<b>7,165</b>	<b>5,744</b>	<b>1,185</b>	<b>6,929</b>	<b>5,893</b>	<b>1,242</b>	<b>7,135</b>
43. Dams and reservoirs .....	1,813	158	1,971	2,353	119	2,472	2,395	142	2,537
44. Irrigation and land reclamation projects .....	3,951	1,243	5,194	3,391	1,066	4,457	3,498	1,100	4,598
<b>Electric power construction .....</b>	<b>217,219</b>	<b>21,801</b>	<b>239,020</b>	<b>281,139</b>	<b>21,683</b>	<b>302,822</b>	<b>259,941</b>	<b>24,685</b>	<b>284,626</b>
45. Electric power generating plants, including water conveying and controlling structures .....	68,577	6,832	75,409	113,337	7,322	120,659	80,889	8,836	89,725
46. Electric transformer stations .....	476	181	657	331	90	421	110	105	215
47. Power transmission and distribution lines, trolley wires .....	147,575	13,325	160,900	166,134	12,812	178,946	177,819	14,255	192,074
48. Street lighting .....	591	1,463	2,054	1,337	1,459	2,796	1,123	1,489	2,612
<b>Railway, telephone and telegraph .....</b>	<b>59,655</b>	<b>39,388</b>	<b>99,043</b>	<b>66,705</b>	<b>38,800</b>	<b>105,505</b>	<b>76,445</b>	<b>40,512</b>	<b>116,957</b>
49. Railway tracks and roadbed .....	10,781	21,132	31,913	12,931	19,086	32,017	9,389	18,230	27,619
50. Signals and interlockers .....	1,364	2,644	4,008	1,200	2,309	3,509	1,074	2,394	3,468
51. Telegraph and telephone lines, underground and marine cables .....	47,510	15,612	63,122	52,574	17,405	69,979	65,982	19,888	85,870
<b>Gas and oil facilities .....</b>	<b>67,814</b>	<b>18,604</b>	<b>86,418</b>	<b>70,620</b>	<b>17,558</b>	<b>88,178</b>	<b>80,744</b>	<b>19,868</b>	<b>100,612</b>
52. Gas mains and services .....	3,189	1,007	4,196	7,781	1,427	9,208	13,075	1,139	14,214
53. Pumping stations, oil .....	152	40	192	—	59	59	60	66	126
54. Pumping stations, gas .....	193	53	246	—	1	1	—	1	1
55. Oil storage tanks .....	6,749	1,590	8,339	6,977	1,074	8,051	6,212	1,097	7,309
56. Gas storage tanks .....	1,646	27	1,673	1,338	120	1,458	2,059	169	2,228
57. Oil pipe lines .....	1,537	1,142	2,679	1,356	1,025	2,381	4,618	1,163	5,781
58. Gas pipe lines .....	115	5	120	255	2	257	—	—	—
59. Oil and gas wells .....	1,187	—	1,187	7,052	43	7,095	8,948	82	9,030
61. Oil refinery — Processing units .....	53,046	14,739	67,785	45,861	13,807	59,668	45,760	16,141	61,901
62. Natural gas processing plants .....	—	1	1	—	—	—	12	10	22
<b>Other engineering construction .....</b>	<b>105,510</b>	<b>18,283</b>	<b>123,793</b>	<b>160,061</b>	<b>16,009</b>	<b>176,070</b>	<b>210,513</b>	<b>16,695</b>	<b>227,208</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	26,194	6,056	32,250	29,538	5,796	35,334	31,162	5,981	37,143
64. Tunnels and subways .....	511	1,157	1,668	1	458	459	—	551	551
65. Incinerators .....	11	—	11	17	—	17	17	—	17
66. Park systems, landscaping, sodding, etc. ....	1,123	420	1,543	1,431	361	1,792	1,479	379	1,858
67. Swimming pools, tennis courts, outdoor recreation facilities .....	43	71	114	59	62	121	80	62	142
68. Mine shafts and other below surface workings .....	37,335	918	38,253	26,859	613	27,472	21,529	614	22,143
69. Fences, snowsheds, signs, guard rails .....	5,426	5,101	10,527	4,574	4,751	9,325	4,848	4,817	9,665
70. Other engineering construction .....	34,867	4,560	39,427	97,582	3,968	101,550	151,398	4,291	155,689

See footnote(s) on page 44.

TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario, 1970 - 72<sup>1,10,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>4,127,041</b>	<b>857,824</b>	<b>4,984,865</b>	<b>4,707,969</b>	<b>915,630</b>	<b>5,623,599</b>	<b>4,798,918</b>	<b>959,914</b>	<b>5,758,832</b>
<b>Total building construction .....</b>	<b>2,826,611</b>	<b>597,762</b>	<b>3,424,373</b>	<b>3,086,838</b>	<b>627,062</b>	<b>3,713,900</b>	<b>3,089,760</b>	<b>649,495</b>	<b>3,739,255</b>
<b>Residential .....</b>	<b>1,287,300</b>	<b>341,900</b>	<b>1,629,200</b>	<b>1,605,000</b>	<b>353,200</b>	<b>1,958,200</b>	<b>1,689,200</b>	<b>364,500</b>	<b>2,053,700</b>
<b>Industrial .....</b>	<b>413,608</b>	<b>97,580</b>	<b>511,188</b>	<b>277,226</b>	<b>99,524</b>	<b>376,750</b>	<b>239,887</b>	<b>102,260</b>	<b>342,147</b>
2. Factories, plants, workshops, food canneries ....	376,106	75,624	451,730	234,354	76,238	310,592	201,265	78,513	279,778
3. Miné and mine mill buildings .....	31,204	15,125	46,329	38,069	16,600	54,669	33,854	16,489	50,343
4. Railway stations, offices, roadway buildings ....	4,010	4,143	8,153	3,152	4,021	7,173	3,038	4,339	7,377
5. Railway shops, engine houses, water and fuel stations .....	2,288	2,688	4,976	1,651	2,665	4,316	1,730	2,919	4,649
<b>Commercial .....</b>	<b>505,902</b>	<b>83,061</b>	<b>588,963</b>	<b>554,935</b>	<b>78,932</b>	<b>633,867</b>	<b>549,027</b>	<b>80,719</b>	<b>629,746</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	27,222	7,028	34,250	27,392	8,199	35,591	29,881	8,270	38,151
7. Grain elevators .....	96	195	291	130	374	504	881	498	1,379
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	31,031	5,713	36,744	82,453	6,465	88,918	61,147	6,804	67,951
9. Office buildings .....	285,969	36,845	322,814	286,149	33,279	319,428	257,437	33,316	290,753
10. Stores, retail and wholesale .....	105,305	17,971	123,276	100,037	15,517	115,554	120,195	16,361	136,556
11. Garages and service stations .....	27,720	11,251	38,971	25,450	10,536	35,986	31,980	10,588	42,568
12. Theatres, arenas, amusement and recreational buildings .....	28,059	3,584	31,643	32,749	3,826	36,575	47,117	4,179	51,296
13. Laundries and dry cleaning establishments .....	500	474	974	575	736	1,311	389	703	1,092
<b>Institutional .....</b>	<b>492,928</b>	<b>37,470</b>	<b>530,398</b>	<b>511,034</b>	<b>57,429</b>	<b>568,463</b>	<b>472,557</b>	<b>64,017</b>	<b>536,574</b>
14. Schools and other educational buildings .....	327,158	22,143	349,301	320,416	24,064	344,480	300,200	26,618	326,818
15. Churches and other religious buildings .....	8,833	2,738	11,571	3,974	2,309	6,283	4,667	2,074	6,741
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	107,206	9,157	116,363	134,909	16,174	151,083	108,774	22,483	131,257
17. Other institutional buildings .....	49,731	3,432	53,163	51,735	14,882	66,617	58,916	12,842	71,758
<b>Other building construction .....</b>	<b>126,873</b>	<b>37,751</b>	<b>164,624</b>	<b>138,643</b>	<b>37,977</b>	<b>176,620</b>	<b>139,089</b>	<b>37,999</b>	<b>177,088</b>
18. Farm buildings (excluding dwellings) .....	46,557	24,633	71,190	48,244	25,280	73,524	47,583	24,772	72,355
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	18,524	3,082	21,606	23,632	3,498	27,130	24,374	3,845	28,219
20. Aeroplane hangars .....	10,609	1,182	11,791	6,573	379	6,952	1,182	381	1,563
21. Passenger terminals, bus, boat or air .....	16,320	297	16,617	16,582	153	16,735	15,218	138	15,356
22. Armouries, barracks, drill halls, etc. ....	295	1,734	2,029	409	1,956	2,365	452	1,957	2,409
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	2,557	599	3,156	1,788	573	2,361	357	574	931
24. Laboratories .....	9,609	1,809	11,418	10,174	1,563	11,737	17,326	1,567	18,893
25. Other building construction .....	22,402	4,415	26,817	31,241	4,575	35,816	32,597	4,765	37,362
<b>Total engineering construction .....</b>	<b>1,300,430</b>	<b>260,062</b>	<b>1,560,492</b>	<b>1,621,131</b>	<b>288,568</b>	<b>1,909,699</b>	<b>1,709,158</b>	<b>310,419</b>	<b>2,019,577</b>
<b>Marine construction .....</b>	<b>22,387</b>	<b>2,941</b>	<b>25,328</b>	<b>15,476</b>	<b>4,295</b>	<b>19,771</b>	<b>20,831</b>	<b>5,164</b>	<b>25,995</b>
26. Docks, wharves, piers, breakwaters .....	1,546	907	2,453	1,428	1,343	2,771	4,299	1,180	5,479
27. Retaining walls, embankments, riprapping .....	4,323	892	5,215	1,352	228	1,580	2,168	299	2,467
28. Canals and waterways .....	10,737	632	11,369	10,474	1,225	11,699	11,799	1,745	13,544
29. Dredging and pile driving .....	749	155	904	962	72	1,034	1,212	51	1,263
30. Dyke construction .....	827	9	836	980	4	984	1,084	5	1,089
31. Logging booms .....	-	54	54	26	31	57	-	40	40
32. Other marine construction .....	4,205	292	4,497	254	1,392	1,646	269	1,844	2,113



**TABLE 23. Total Value of Construction Work Performed - New and Repair by Type of Structure - Ontario, 1970 - 72<sup>1,10,11</sup> - Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>329,529</b>	<b>60,415</b>	<b>389,944</b>	<b>363,581</b>	<b>66,312</b>	<b>429,893</b>	<b>385,515</b>	<b>67,348</b>	<b>452,863</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	314,579	56,520	371,099	345,498	62,234	407,732	361,871	63,097	424,968
34. Parking lots .....	5,253	1,756	7,009	4,510	1,731	6,241	9,670	1,856	11,526
36. Sidewalks, paths .....	4,697	1,978	6,675	6,274	2,156	8,430	6,559	2,212	8,771
37. Aerodromes, landing fields, runways, tarmac .....	5,000	161	5,161	7,299	191	7,490	7,415	183	7,598
<b>Waterworks and sewage systems .....</b>	<b>186,962</b>	<b>20,953</b>	<b>207,915</b>	<b>229,499</b>	<b>24,116</b>	<b>253,615</b>	<b>244,725</b>	<b>25,049</b>	<b>269,774</b>
38. Tile drains, drainage ditches, storm sewers .....	39,730	5,237	44,967	53,111	5,336	58,447	53,818	5,821	59,639
39. Water mains, hydrants and services .....	35,638	7,496	43,134	46,660	10,030	56,690	55,810	9,037	64,847
40. Sewage systems and connections .....	100,853	6,295	107,148	111,267	6,763	118,030	118,563	8,070	126,633
41. Pumping stations, water .....	9,640	1,443	11,083	16,668	1,323	17,991	14,004	1,525	15,529
42. Water storage tanks .....	1,101	482	1,583	1,793	664	2,457	2,530	596	3,126
<b>Dams and irrigation .....</b>	<b>12,939</b>	<b>3,359</b>	<b>16,298</b>	<b>19,107</b>	<b>3,458</b>	<b>22,565</b>	<b>18,861</b>	<b>3,670</b>	<b>22,531</b>
43. Dams and reservoirs .....	3,516	364	3,880	13,318	366	13,684	13,081	641	13,722
44. Irrigation and land reclamation projects .....	9,423	2,995	12,418	5,789	3,092	8,881	5,780	3,029	8,809
<b>Electric power construction .....</b>	<b>302,481</b>	<b>50,615</b>	<b>353,096</b>	<b>340,073</b>	<b>73,434</b>	<b>413,507</b>	<b>369,800</b>	<b>80,877</b>	<b>450,677</b>
45. Electric power generating plants, including water conveying and controlling structures .....	160,679	11,486	172,165	184,996	31,065	216,061	186,342	32,728	219,070
46. Electric transformer stations .....	2,318	251	2,569	1,888	190	2,078	2,712	281	2,993
47. Power transmission and distribution lines, trolley wires .....	135,532	37,125	172,657	148,077	40,159	188,236	176,145	45,888	222,033
48. Street lighting .....	3,952	1,753	5,705	5,112	2,020	7,132	4,601	1,980	6,581
<b>Railway, telephone and telegraph .....</b>	<b>133,719</b>	<b>65,669</b>	<b>199,388</b>	<b>138,390</b>	<b>65,237</b>	<b>203,627</b>	<b>149,275</b>	<b>70,060</b>	<b>219,335</b>
49. Railway tracks and roadbed .....	38,997	37,767	76,764	34,797	36,037	70,834	29,235	37,740	66,975
50. Signals and interlockers .....	4,190	5,802	9,992	4,183	5,171	9,354	3,729	5,521	9,250
51. Telegraph and telephone lines, underground and marine cables .....	90,532	22,100	112,632	99,410	24,029	123,439	116,311	26,799	143,110
<b>Gas and oil facilities .....</b>	<b>78,956</b>	<b>26,090</b>	<b>105,046</b>	<b>132,227</b>	<b>24,247</b>	<b>156,474</b>	<b>121,493</b>	<b>30,064</b>	<b>151,557</b>
52. Gas mains and services .....	33,269	3,590	36,859	48,945	4,040	52,985	46,127	4,167	50,294
53. Pumping stations, oil .....	1,452	691	2,143	5,575	683	6,258	1,420	872	2,292
54. Pumping stations, gas .....	2,480	202	2,682	8	205	213	40	-	40
55. Oil storage tanks .....	1,734	970	2,704	3,298	973	4,271	2,920	981	3,901
56. Gas storage tanks .....	996	329	1,325	22	5	27	50	6	56
57. Oil pipe lines .....	2,147	1,099	3,246	8,606	805	9,411	2,315	920	3,235
58. Gas pipe lines <sup>10</sup> .....	9,111	514	9,625	3,809	435	4,244	12,600	318	12,918
59. Oil and gas wells .....	3,967	761	4,728	4,478	2,140	6,618	3,213	2,260	5,473
61. Oil refinery - Processing units .....	15,738	17,722	33,460	47,442	14,651	62,093	48,824	19,998	68,822
62. Natural gas processing plants .....	8,062	212	8,274	10,044	310	10,354	3,984	542	4,526
<b>Other engineering construction .....</b>	<b>233,457</b>	<b>30,020</b>	<b>263,477</b>	<b>382,778</b>	<b>27,469</b>	<b>410,247</b>	<b>398,658</b>	<b>28,187</b>	<b>426,845</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	40,281	6,973	47,254	43,897	7,366	51,263	38,209	7,409	45,618
64. Tunnels and subways .....	43,950	106	44,056	42,766	217	42,983	44,379	318	44,697
65. Incinerators .....	3,177	859	4,036	3,451	302	3,753	4,752	335	5,087
66. Park systems, landscaping, sodding, etc. ....	6,502	1,787	8,289	14,717	1,842	16,559	15,875	2,075	17,950
67. Swimming pools, tennis courts, outdoor recreation facilities .....	7,600	426	8,026	3,826	208	4,034	6,678	203	6,881
68. Mine shafts and other below surface workings .....	84,076	288	84,364	83,069	749	83,818	78,731	742	79,473
69. Fences, snowsheds, signs, guard rails .....	9,899	4,389	14,288	8,184	4,553	12,737	7,843	4,522	12,365
70. Other engineering construction <sup>10</sup> .....	37,972	15,192	53,164	182,868	12,232	195,100	202,191	12,583	214,774

See footnote(s) on page 44.

TABLE 24. Total Value of Construction Work Performed—New and Repair by Type of Structure—Manitoba, 1970-72<sup>1,11</sup>

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>574,766</b>	<b>120,344</b>	<b>695,110</b>	<b>577,475</b>	<b>119,987</b>	<b>697,462</b>	<b>637,479</b>	<b>126,416</b>	<b>763,895</b>
<b>Total building construction .....</b>	<b>304,743</b>	<b>70,810</b>	<b>375,553</b>	<b>303,525</b>	<b>71,939</b>	<b>375,464</b>	<b>328,109</b>	<b>77,616</b>	<b>405,725</b>
<b>Residential .....</b>	<b>139,300</b>	<b>44,300</b>	<b>183,600</b>	<b>170,600</b>	<b>45,800</b>	<b>216,400</b>	<b>171,000</b>	<b>47,400</b>	<b>218,400</b>
<b>Industrial .....</b>	<b>39,443</b>	<b>7,897</b>	<b>47,340</b>	<b>19,078</b>	<b>6,686</b>	<b>25,764</b>	<b>26,195</b>	<b>6,688</b>	<b>32,883</b>
2. Factories, plants, workshops, food canneries .....	32,840	4,670	37,510	15,997	4,060	20,057	18,825	4,098	22,923
3. Mine and mine mill buildings .....	5,009	884	5,893	1,506	523	2,029	5,929	382	6,311
4. Railway stations, offices, roadway buildings .....	1,005	1,270	2,275	1,033	1,265	2,298	935	1,342	2,277
5. Railway shops, engine houses, water and fuel stations .....	589	1,073	1,662	542	838	1,380	506	866	1,372
<b>Commercial .....</b>	<b>53,850</b>	<b>8,529</b>	<b>62,379</b>	<b>34,750</b>	<b>8,409</b>	<b>43,159</b>	<b>49,745</b>	<b>9,638</b>	<b>59,383</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,822	853	4,675	1,532	577	2,109	1,945	928	2,873
7. Grain elevators .....	505	440	945	437	385	822	623	467	1,090
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	10,471	830	11,301	3,397	1,080	4,477	11,780	984	12,764
9. Office buildings .....	18,778	2,352	21,130	12,582	2,752	15,334	18,153	3,430	21,583
10. Stores, retail and wholesale .....	14,184	2,392	16,576	9,684	1,796	11,480	10,553	2,237	12,790
11. Garages and service stations .....	3,575	1,208	4,783	3,075	1,208	4,283	3,531	1,102	4,633
12. Theatres, arenas, amusement and recreational buildings .....	2,491	392	2,883	3,841	591	4,432	3,057	460	3,517
13. Laundries and dry cleaning establishments .....	24	62	86	202	20	222	103	30	133
<b>Institutional .....</b>	<b>56,380</b>	<b>4,097</b>	<b>60,477</b>	<b>61,801</b>	<b>5,013</b>	<b>66,814</b>	<b>62,101</b>	<b>7,993</b>	<b>70,094</b>
14. Schools and other educational buildings .....	38,194	2,384	40,578	34,630	2,727	37,357	33,367	3,917	37,284
15. Churches and other religious buildings .....	1,299	420	1,719	1,406	226	1,632	1,314	199	1,513
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	9,984	1,029	11,013	8,967	1,565	10,532	17,927	3,035	20,962
17. Other institutional buildings .....	6,903	264	7,167	16,798	495	17,293	9,493	842	10,335
<b>Other building construction .....</b>	<b>15,770</b>	<b>5,987</b>	<b>21,757</b>	<b>17,296</b>	<b>6,031</b>	<b>23,327</b>	<b>19,068</b>	<b>5,897</b>	<b>24,965</b>
18. Farm buildings (excluding dwellings) .....	10,181	3,379	13,560	11,376	3,778	15,154	10,595	3,515	14,110
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,093	608	1,701	672	529	1,201	2,185	532	2,717
20. Aeroplane hangars .....	183	622	805	94	264	358	199	279	478
21. Passenger terminals, bus, boat or air .....	192	15	207	306	27	333	354	11	365
22. Armouries, barracks, drill halls, etc. ....	31	324	355	45	308	353	47	337	384
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	1,471	147	1,618	586	161	747	64	203	267
24. Laboratories .....	1,550	438	1,988	2,283	306	2,589	4,135	439	4,574
25. Other building construction .....	1,069	454	1,523	1,934	658	2,592	1,489	581	2,070
<b>Total engineering construction .....</b>	<b>270,023</b>	<b>49,534</b>	<b>319,557</b>	<b>273,950</b>	<b>48,048</b>	<b>321,998</b>	<b>309,370</b>	<b>48,800</b>	<b>358,170</b>
<b>Marine construction .....</b>	<b>1,695</b>	<b>1,329</b>	<b>3,024</b>	<b>3,465</b>	<b>1,355</b>	<b>4,820</b>	<b>5,772</b>	<b>1,370</b>	<b>7,142</b>
26. Docks, wharves, piers, breakwaters .....	107	215	322	1,848	319	2,167	4,348	274	4,622
27. Retaining walls, embankments, riprapping .....	3	55	58	4	—	4	4	—	4
28. Canals and waterways .....	1,347	690	2,037	1,241	970	2,211	1,320	1,066	2,386
29. Dredging and pile driving .....	—	—	—	—	—	—	—	—	—
30. Dyke construction .....	218	367	585	372	64	436	100	28	128
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	20	2	22	—	2	2	—	2	2

See footnote(s) on page 44.

**TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure — Manitoba, 1970 - 72<sup>1,11</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>46,925</b>	<b>9,289</b>	<b>56,214</b>	<b>59,062</b>	<b>11,865</b>	<b>70,927</b>	<b>63,011</b>	<b>11,556</b>	<b>74,567</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	45,101	8,855	53,956	56,512	11,468	67,980	60,632	11,186	71,818
34. Parking lots .....	362	89	451	412	107	519	369	77	446
36. Sidewalks, paths .....	316	235	551	860	210	1,070	797	206	1,003
37. Aerodromes, landing fields, runways, tarmac .....	1,146	110	1,256	1,278	80	1,358	1,213	87	1,300
<b>Waterworks and sewage systems .....</b>	<b>14,219</b>	<b>3,493</b>	<b>17,712</b>	<b>17,906</b>	<b>3,879</b>	<b>21,785</b>	<b>16,885</b>	<b>2,959</b>	<b>19,844</b>
38. Tile drains, drainage ditches, storm sewers .....	4,310	908	5,218	6,071	1,650	7,721	4,601	640	5,241
39. Water mains, hydrants and services .....	3,272	1,555	4,827	3,834	1,730	5,564	3,536	1,671	5,207
40. Sewage systems and connections .....	3,342	711	4,053	4,830	273	5,103	5,137	461	5,598
41. Pumping stations, water .....	2,525	204	2,729	2,785	154	2,939	3,262	130	3,392
42. Water storage tanks .....	770	115	885	386	72	458	349	57	406
<b>Dams and irrigation .....</b>	<b>2,863</b>	<b>850</b>	<b>3,713</b>	<b>3,948</b>	<b>801</b>	<b>4,749</b>	<b>3,735</b>	<b>662</b>	<b>4,397</b>
43. Dams and reservoirs .....	1,596	383	1,979	2,569	341	2,910	2,451	234	2,685
44. Irrigation and land reclamation projects .....	1,267	467	1,734	1,379	460	1,839	1,284	428	1,712
<b>Electric power construction .....</b>	<b>107,114</b>	<b>3,560</b>	<b>110,674</b>	<b>92,633</b>	<b>1,607</b>	<b>94,240</b>	<b>89,313</b>	<b>1,520</b>	<b>90,833</b>
45. Electric power generating plants, including water conveying and controlling structures .....	45,434	1,240	46,674	55,627	245	55,872	49,938	222	50,160
46. Electric transformer stations .....	60	48	108	8,007	63	8,070	13,675	63	13,738
47. Power transmission and distribution lines, trolley wires .....	61,087	1,491	62,578	28,319	525	28,844	25,019	513	25,532
48. Street lighting .....	533	781	1,314	680	774	1,454	681	722	1,403
<b>Railway, telephone and telegraph .....</b>	<b>23,147</b>	<b>18,710</b>	<b>41,857</b>	<b>26,498</b>	<b>18,925</b>	<b>45,423</b>	<b>20,020</b>	<b>20,656</b>	<b>40,676</b>
49. Railway tracks and roadbed .....	11,153	12,781	23,934	10,230	12,541	22,771	7,969	12,951	20,920
50. Signals and interlockers .....	1,082	1,656	2,738	1,133	1,761	2,894	1,017	1,833	2,850
51. Telegraph and telephone lines, underground and marine cables .....	10,912	4,273	15,185	15,135	4,623	19,758	11,034	5,872	16,906
<b>Gas and oil facilities .....</b>	<b>20,245</b>	<b>2,851</b>	<b>23,096</b>	<b>22,557</b>	<b>3,114</b>	<b>25,671</b>	<b>65,440</b>	<b>3,516</b>	<b>68,956</b>
52. Gas mains and services .....	3,655	502	4,157	3,929	499	4,428	2,960	535	3,495
53. Pumping stations, oil .....	1,516	202	1,718	3,557	196	3,753	2,508	278	2,786
54. Pumping stations, gas .....	1,700	32	1,732	435	190	625	500	382	882
55. Oil storage tanks .....	295	173	468	553	127	680	789	308	1,097
56. Gas storage tanks .....	84	—	84	94	—	94	20	—	20
57. Oil pipe lines .....	35	150	185	57	157	214	14,482	234	14,716
58. Gas pipe lines .....	11,000	22	11,022	12,291	23	12,314	40,796	—	40,796
59. Oil and gas wells .....	1,049	489	1,538	869	533	1,402	2,037	563	2,600
61. Oil refinery — Processing units .....	911	1,281	2,192	772	1,389	2,161	1,348	1,216	2,564
62. Natural gas processing plants .....	—	—	—	—	—	—	—	—	—
<b>Other engineering construction .....</b>	<b>53,815</b>	<b>9,452</b>	<b>63,267</b>	<b>47,881</b>	<b>6,502</b>	<b>54,383</b>	<b>45,194</b>	<b>6,561</b>	<b>51,755</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	8,125	2,375	10,500	7,882	1,942	9,824	6,755	1,365	8,120
64. Tunnels and subways .....	409	2	411	1,178	2	1,180	1,135	2	1,137
65. Incinerators .....	375	89	464	9	—	9	2,934	127	3,061
66. Park systems, landscaping, sodding, etc. ....	1,511	760	2,271	4,711	738	5,449	548	682	1,230
67. Swimming pools, tennis courts, outdoor recreation facilities .....	975	1,116	2,091	100	108	208	60	111	171
68. Mine shafts and other below surface workings .....	37,973	1,253	39,226	26,224	1,048	27,272	22,854	789	23,643
69. Fences, snowsheds, signs, guard rails .....	2,123	828	2,951	3,339	830	4,169	3,764	805	4,569
70. Other engineering construction .....	2,324	3,029	5,353	4,438	1,834	6,272	7,144	2,680	9,824

See footnote(s) on page 44.



**TABLE 25. Total Value of Construction Work Performed—New and Repair by Type of Structure—Saskatchewan, 1970-72<sup>1,11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>345,794</b>	<b>129,869</b>	<b>475,663</b>	<b>388,645</b>	<b>135,241</b>	<b>523,886</b>	<b>404,839</b>	<b>138,531</b>	<b>543,370</b>
<b>Total building construction .....</b>	<b>140,535</b>	<b>67,385</b>	<b>207,920</b>	<b>158,408</b>	<b>67,870</b>	<b>226,278</b>	<b>168,753</b>	<b>68,276</b>	<b>237,029</b>
<b>Residential .....</b>	<b>51,600</b>	<b>43,600</b>	<b>95,200</b>	<b>59,800</b>	<b>43,800</b>	<b>103,600</b>	<b>72,200</b>	<b>44,100</b>	<b>116,300</b>
<b>Industrial .....</b>	<b>12,254</b>	<b>4,238</b>	<b>16,492</b>	<b>10,532</b>	<b>3,885</b>	<b>14,417</b>	<b>7,273</b>	<b>4,034</b>	<b>11,307</b>
2. Factories, plants, workshops, food canneries .....	5,216	1,476	6,692	8,299	1,644	9,943	5,154	1,718	6,872
3. Mine and mine mill buildings .....	5,814	1,239	7,053	595	486	1,081	832	490	1,322
4. Railway stations, offices, roadway buildings .....	658	983	1,641	1,070	1,038	2,108	829	1,082	1,911
5. Railway shops, engine houses, water and fuel stations .....	566	540	1,106	568	717	1,285	458	744	1,202
<b>Commercial .....</b>	<b>30,475</b>	<b>7,817</b>	<b>38,292</b>	<b>24,205</b>	<b>6,436</b>	<b>30,641</b>	<b>30,417</b>	<b>7,195</b>	<b>37,612</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	3,957	571	4,528	2,067	571	2,638	2,219	948	3,167
7. Grain elevators .....	1,980	1,703	3,683	1,499	1,523	3,022	2,313	1,845	4,158
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	1,326	625	1,951	1,301	653	1,954	1,191	572	1,763
9. Office buildings .....	8,501	1,239	9,740	10,492	846	11,338	9,263	977	10,240
10. Stores, retail and wholesale .....	9,081	1,904	10,985	3,810	1,694	5,504	7,710	1,686	9,396
11. Garages and service stations .....	3,248	1,372	4,620	3,398	987	4,385	5,609	981	6,590
12. Theatres, arenas, amusement and recreational buildings .....	2,027	363	2,390	1,638	157	1,795	2,112	181	2,293
13. Laundries and dry cleaning establishments .....	355	40	395	—	5	5	—	5	5
<b>Institutional .....</b>	<b>26,072</b>	<b>3,726</b>	<b>29,798</b>	<b>38,882</b>	<b>3,353</b>	<b>42,235</b>	<b>33,298</b>	<b>3,640</b>	<b>36,938</b>
14. Schools and other educational buildings .....	19,465	1,477	20,942	25,879	2,128	28,007	22,978	2,241	25,219
15. Churches and other religious buildings .....	114	84	198	318	103	421	77	128	205
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	3,848	2,016	5,864	5,143	808	5,951	5,891	931	6,822
17. Other institutional buildings .....	2,645	149	2,794	7,542	314	7,856	4,352	340	4,692
<b>Other building construction .....</b>	<b>20,134</b>	<b>8,004</b>	<b>28,138</b>	<b>24,989</b>	<b>10,396</b>	<b>35,385</b>	<b>25,565</b>	<b>9,307</b>	<b>34,872</b>
18. Farm buildings (excluding dwellings) .....	17,050	6,814	23,864	21,610	8,622	30,232	20,203	8,082	28,285
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	1,061	242	1,303	524	746	1,270	1,408	224	1,632
20. Aeroplane hangars .....	60	220	280	44	119	163	40	125	165
21. Passenger terminals, bus, boat or air .....	1	2	3	—	261	261	—	261	261
22. Armouries, barracks, drill halls, etc. ....	55	468	523	69	344	413	64	365	429
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	307	64	371	157	99	256	696	81	777
24. Laboratories .....	227	43	270	486	35	521	1,032	37	1,069
25. Other building construction .....	1,373	151	1,524	2,099	170	2,269	2,122	132	2,254
<b>Total engineering construction .....</b>	<b>205,259</b>	<b>62,484</b>	<b>267,743</b>	<b>230,237</b>	<b>67,371</b>	<b>297,608</b>	<b>236,086</b>	<b>70,255</b>	<b>306,341</b>
<b>Marine construction .....</b>	<b>2,222</b>	<b>269</b>	<b>2,491</b>	<b>3,407</b>	<b>255</b>	<b>3,662</b>	<b>3,440</b>	<b>252</b>	<b>3,692</b>
26. Docks, wharves, piers, breakwaters .....	169	134	303	691	183	874	220	175	395
27. Retaining walls, embankments, riprapping .....	16	—	16	85	15	100	66	10	76
28. Canals and waterways .....	2,036	135	2,171	2,630	57	2,687	2,893	1	2,894
29. Dredging and pile driving .....	—	—	—	—	—	—	—	66	66
30. Dyke construction .....	—	—	—	—	—	—	260	—	260
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	1	—	1	1	—	1	1	—	1

**TABLE 25. Total Value of Construction Work Performed — New and Repair by Type of Structure — Saskatchewan, 1970 - 72<sup>1,11</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>67,635</b>	<b>15,243</b>	<b>82,878</b>	<b>66,316</b>	<b>16,982</b>	<b>83,298</b>	<b>75,878</b>	<b>18,870</b>	<b>94,748</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	66,479	14,361	80,840	65,335	16,437	81,772	74,836	18,361	93,197
34. Parking lots .....	224	118	342	218	56	274	313	65	378
36. Sidewalks, paths .....	910	374	1,284	630	170	800	677	120	797
37. Aerodromes, landing fields, runways, tarmac .....	22	390	412	133	319	452	52	324	376
<b>Waterworks and sewage systems .....</b>	<b>13,969</b>	<b>3,702</b>	<b>17,671</b>	<b>17,395</b>	<b>5,091</b>	<b>22,486</b>	<b>13,662</b>	<b>5,711</b>	<b>19,373</b>
38. Tile drains, drainage ditches, storm sewers .....	3,324	935	4,259	4,965	1,171	6,136	3,873	1,123	4,996
39. Water mains, hydrants and services .....	3,265	1,955	5,220	4,321	2,317	6,638	4,680	2,356	7,036
40. Sewage systems and connections .....	6,446	584	7,030	6,639	1,107	7,746	3,783	1,151	4,934
41. Pumping stations, water .....	666	103	769	1,043	323	1,366	945	918	1,863
42. Water storage tanks .....	268	125	393	427	173	600	381	163	544
<b>Dams and irrigation .....</b>	<b>4,802</b>	<b>1,898</b>	<b>6,700</b>	<b>5,496</b>	<b>1,876</b>	<b>7,372</b>	<b>5,559</b>	<b>1,859</b>	<b>7,418</b>
43. Dams and reservoirs .....	2,035	878	2,913	2,165	678	2,843	2,302	717	3,019
44. Irrigation and land reclamation projects .....	2,767	1,020	3,787	3,331	1,198	4,529	3,257	1,142	4,399
<b>Electric power construction .....</b>	<b>15,003</b>	<b>1,080</b>	<b>16,083</b>	<b>12,866</b>	<b>6,633</b>	<b>19,499</b>	<b>9,702</b>	<b>5,999</b>	<b>15,701</b>
45. Electric power generating plants, including water conveying and controlling structures .....	5,193	773	5,966	3,573	2,937	6,510	706	2,745	3,451
46. Electric transformer stations .....	87	17	104	109	3	112	101	2	103
47. Power transmission and distribution lines, trolley wires .....	9,254	218	9,472	8,516	3,485	12,001	7,990	3,018	11,008
48. Street lighting .....	469	72	541	668	208	876	905	234	1,139
<b>Railway, telephone and telegraph .....</b>	<b>14,909</b>	<b>13,986</b>	<b>28,895</b>	<b>21,593</b>	<b>12,628</b>	<b>34,221</b>	<b>18,037</b>	<b>13,633</b>	<b>31,670</b>
49. Railway tracks and roadbed .....	7,515	10,533	18,048	11,087	10,608	21,695	8,614	11,008	19,622
50. Signals and interlockers .....	967	1,339	2,306	1,096	1,547	2,643	966	1,617	2,583
51. Telegraph and telephone lines, underground and marine cables .....	6,427	2,114	8,541	9,410	473	9,883	8,457	1,008	9,465
<b>Gas and oil facilities .....</b>	<b>69,018</b>	<b>20,763</b>	<b>89,781</b>	<b>85,242</b>	<b>17,831</b>	<b>103,073</b>	<b>83,503</b>	<b>17,911</b>	<b>101,414</b>
52. Gas mains and services .....	2,374	1,521	3,895	2,361	1,216	3,577	1,747	1,265	3,012
53. Pumping stations, oil .....	3,528	513	4,041	13,537	500	14,037	8,211	542	8,753
54. Pumping stations, gas .....	3,000	85	3,085	—	90	90	—	—	—
55. Oil storage tanks .....	25	121	146	656	153	809	1,187	155	1,342
56. Gas storage tanks .....	162	—	162	—	—	—	—	—	—
57. Oil pipe lines .....	515	521	1,036	3	278	281	8,933	387	9,320
58. Gas pipe lines .....	24,870	109	24,979	40,466	118	40,584	35,620	87	35,707
59. Oil and gas wells .....	33,050	15,563	48,613	26,957	13,154	40,111	25,682	13,704	39,386
61. Oil refinery — Processing units .....	412	1,688	2,100	317	1,794	2,111	767	1,379	2,146
62. Natural gas processing plants .....	1,082	642	1,724	945	528	1,473	1,356	392	1,748
<b>Other engineering construction .....</b>	<b>17,701</b>	<b>5,543</b>	<b>23,244</b>	<b>17,922</b>	<b>6,075</b>	<b>23,997</b>	<b>26,305</b>	<b>6,020</b>	<b>32,325</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	3,645	1,074	4,719	3,858	1,439	5,297	5,282	1,430	6,712
64. Tunnels and subways .....	20	3	23	—	8	8	900	10	910
65. Incinerators .....	3	20	23	22	185	207	350	189	539
66. Park systems, landscaping, sodding, etc. ....	436	129	565	1,223	430	1,653	1,885	481	2,366
67. Swimming pools, tennis courts, outdoor recreation facilities .....	560	396	956	1,061	12	1,073	1,798	132	1,930
68. Mine shafts and other below surface workings .....	7,264	512	7,776	5,469	536	6,005	10,492	348	10,840
69. Fences, snowsheds, signs, guard rails .....	3,010	1,256	4,266	3,750	1,584	5,334	3,596	1,535	5,131
70. Other engineering construction .....	2,763	2,153	4,916	2,539	1,881	4,420	2,002	1,895	3,897

See footnote(s) on page 44.

**TABLE 26. Total Value of Construction Work Performed—New and Repair by Type of Structure—Alberta, 1970-72<sup>1, 10, 11</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1, 431, 735</b>	<b>278, 215</b>	<b>1, 709, 950</b>	<b>1, 481, 631</b>	<b>282, 564</b>	<b>1, 764, 195</b>	<b>1, 529, 902</b>	<b>298, 117</b>	<b>1, 828, 019</b>
<b>Total building construction .....</b>	<b>583, 143</b>	<b>127, 544</b>	<b>710, 687</b>	<b>671, 734</b>	<b>132, 526</b>	<b>804, 260</b>	<b>702, 134</b>	<b>135, 477</b>	<b>837, 611</b>
<b>Residential .....</b>	<b>279, 600</b>	<b>70, 400</b>	<b>350, 000</b>	<b>380, 500</b>	<b>73, 400</b>	<b>453, 900</b>	<b>392, 500</b>	<b>78, 100</b>	<b>470, 600</b>
<b>Industrial .....</b>	<b>25, 836</b>	<b>10, 799</b>	<b>36, 635</b>	<b>30, 378</b>	<b>7, 946</b>	<b>38, 324</b>	<b>38, 275</b>	<b>8, 521</b>	<b>46, 796</b>
2. Factories, plants, workshops, food canneries ....	22, 305	8, 985	31, 290	27, 234	5, 883	33, 117	34, 213	6, 374	40, 587
3. Mine and mine mill buildings .....	1, 325	139	1, 464	1, 021	34	1, 055	2, 313	48	2, 361
4. Railway stations, offices, roadway buildings .....	1, 040	1, 017	2, 057	1, 197	1, 185	2, 382	1, 149	1, 227	2, 376
5. Railway shops, engine houses, water and fuel stations .....	1, 166	658	1, 824	926	844	1, 770	600	872	1, 472
<b>Commercial .....</b>	<b>123, 812</b>	<b>16, 638</b>	<b>140, 450</b>	<b>95, 162</b>	<b>21, 049</b>	<b>116, 211</b>	<b>106, 022</b>	<b>20, 404</b>	<b>126, 426</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	9, 563	1, 731	11, 294	8, 399	1, 815	10, 214	12, 677	2, 010	14, 687
7. Grain elevators .....	1, 104	986	2, 090	947	943	1, 890	1, 441	1, 143	2, 584
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	4, 148	1, 874	6, 022	4, 719	1, 886	6, 605	9, 411	2, 624	12, 035
9. Office buildings .....	65, 183	4, 938	70, 121	33, 797	7, 192	40, 989	31, 431	4, 957	36, 388
10. Stores, retail and wholesale .....	28, 654	4, 328	32, 982	34, 042	5, 991	40, 033	33, 953	6, 695	40, 648
11. Garages and service stations .....	8, 333	1, 776	10, 109	7, 478	2, 047	9, 525	9, 619	2, 152	11, 771
12. Theatres, arenas, amusement and recreational buildings .....	6, 600	850	7, 450	5, 680	1, 060	6, 740	7, 201	703	7, 904
13. Laundries and dry cleaning establishments .....	227	155	382	100	115	215	289	120	409
<b>Institutional .....</b>	<b>107, 207</b>	<b>15, 335</b>	<b>122, 542</b>	<b>114, 017</b>	<b>15, 359</b>	<b>129, 376</b>	<b>115, 636</b>	<b>12, 650</b>	<b>128, 286</b>
14. Schools and other educational buildings .....	82, 547	8, 936	91, 483	92, 130	8, 480	100, 610	87, 707	8, 176	95, 883
15. Churches and other religious buildings .....	2, 702	991	3, 693	560	136	696	370	154	524
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	11, 859	2, 940	14, 799	12, 472	2, 426	14, 898	15, 167	2, 467	17, 634
17. Other institutional buildings .....	10, 099	2, 468	12, 567	8, 855	4, 317	13, 172	12, 392	1, 853	14, 245
<b>Other building construction .....</b>	<b>46, 688</b>	<b>14, 372</b>	<b>61, 060</b>	<b>51, 677</b>	<b>14, 772</b>	<b>66, 449</b>	<b>49, 701</b>	<b>15, 802</b>	<b>65, 503</b>
18. Farm buildings (excluding dwellings) .....	35, 677	9, 642	45, 319	35, 684	9, 674	45, 358	37, 059	9, 944	47, 003
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	3, 448	1, 176	4, 624	4, 166	1, 519	5, 685	2, 126	1, 630	3, 756
20. Aeroplane hangars .....	1, 701	217	1, 918	525	49	574	568	58	626
21. Passenger terminals, bus, boat or air .....	19	48	67	1, 084	50	1, 134	346	57	403
22. Armouries, barracks, drill halls, etc. ....	594	676	1, 270	1, 226	613	1, 839	1, 299	719	2, 018
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	598	553	1, 151	376	247	623	337	262	599
24. Laboratories .....	1, 753	111	1, 864	3, 618	104	3, 722	3, 833	117	3, 950
25. Other building construction .....	2, 898	1, 949	4, 847	4, 998	2, 516	7, 514	4, 133	3, 015	7, 148
<b>Total engineering construction .....</b>	<b>848, 592</b>	<b>150, 671</b>	<b>999, 263</b>	<b>809, 897</b>	<b>150, 038</b>	<b>959, 935</b>	<b>827, 768</b>	<b>162, 640</b>	<b>990, 408</b>
<b>Marine construction .....</b>	<b>264</b>	<b>69</b>	<b>333</b>	<b>767</b>	<b>147</b>	<b>914</b>	<b>438</b>	<b>153</b>	<b>591</b>
26. Docks, wharves, piers, breakwaters .....	61	69	130	289	143	432	290	149	439
27. Retaining walls, embankments, riprapping .....	203	—	203	46	1	47	118	1	119
28. Canals and waterways .....	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving .....	—	—	—	370	—	370	—	—	—
30. Dyke construction .....	—	—	—	62	3	65	30	3	33
31. Logging booms .....	—	—	—	—	—	—	—	—	—
32. Other marine construction .....	—	—	—	—	—	—	—	—	—



**TABLE 26. Total Value of Construction Work Performed — New and Repair by Type of Structure — Alberta, 1970-72<sup>10,11</sup> — Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>85,464</b>	<b>32,710</b>	<b>118,174</b>	<b>97,722</b>	<b>25,837</b>	<b>123,559</b>	<b>97,392</b>	<b>31,386</b>	<b>128,778</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	81,892	31,805	113,697	92,549	23,863	116,412	92,729	29,586	122,315
34. Parking lots .....	529	94	623	1,655	439	2,094	326	242	568
36. Sidewalks, paths .....	2,687	277	2,964	3,007	918	3,925	3,483	281	3,764
37. Aerodromes, landing fields, runways, tarmac .....	356	534	890	511	617	1,128	854	1,277	2,131
<b>Waterworks and sewage systems .....</b>	<b>40,158</b>	<b>3,845</b>	<b>44,003</b>	<b>49,310</b>	<b>5,632</b>	<b>54,942</b>	<b>49,581</b>	<b>4,788</b>	<b>54,369</b>
38. Tile drains, drainage ditches, storm sewers .....	12,360	1,189	13,549	14,799	1,216	16,015	15,138	1,195	16,333
39. Water mains, hydrants and services .....	13,768	2,000	15,768	13,691	2,272	15,963	14,261	2,588	16,849
40. Sewage systems and connections .....	10,962	351	11,313	15,773	1,566	17,339	16,469	528	16,997
41. Pumping stations, water .....	1,511	96	1,607	4,496	379	4,875	3,122	261	3,383
42. Water storage tanks .....	1,557	209	1,766	551	199	750	591	216	807
<b>Dams and irrigation .....</b>	<b>7,746</b>	<b>2,752</b>	<b>10,498</b>	<b>7,510</b>	<b>3,296</b>	<b>10,806</b>	<b>8,587</b>	<b>3,895</b>	<b>12,482</b>
43. Dams and reservoirs .....	1,652	645	2,297	2,305	630	2,935	2,747	1,182	3,929
44. Irrigation and land reclamation projects .....	6,094	2,107	8,201	5,205	2,666	7,871	5,840	2,713	8,553
<b>Electric power construction .....</b>	<b>64,548</b>	<b>3,157</b>	<b>67,705</b>	<b>80,557</b>	<b>6,320</b>	<b>86,877</b>	<b>70,926</b>	<b>7,212</b>	<b>78,138</b>
45. Electric power generating plants, including water conveying and controlling structures .....	35,096	1,123	36,219	42,958	1,096	44,054	41,426	1,239	42,665
46. Electric transformer stations .....	2,250	37	2,287	609	29	638	—	45	45
47. Power transmission and distribution lines, trolley wires .....	26,221	1,849	28,070	35,690	5,075	40,765	28,998	5,572	34,570
48. Street lighting .....	981	148	1,129	1,300	120	1,420	502	356	858
<b>Railway, telephone and telegraph .....</b>	<b>38,651</b>	<b>16,472</b>	<b>55,123</b>	<b>41,048</b>	<b>17,896</b>	<b>58,944</b>	<b>43,457</b>	<b>18,786</b>	<b>62,243</b>
49. Railway tracks and roadbed .....	11,156	11,684	22,840	13,137	13,103	26,240	13,074	13,568	26,642
50. Signals and interlockers .....	3,676	1,484	5,160	1,113	1,714	2,827	1,007	1,785	2,792
51. Telegraph and telephone lines, underground and marine cables .....	23,819	3,304	27,123	26,798	3,079	29,877	29,376	3,433	32,809
<b>Gas and oil facilities .....</b>	<b>506,704</b>	<b>70,403</b>	<b>577,107</b>	<b>484,304</b>	<b>66,457</b>	<b>550,761</b>	<b>479,239</b>	<b>76,796</b>	<b>556,035</b>
52. Gas mains and services .....	67,551	1,693	69,244	41,166	1,978	43,144	50,923	2,057	52,980
53. Pumping stations, oil .....	1,690	788	2,478	7,001	954	7,955	10,956	960	11,916
54. Pumping stations, gas .....	26,854	2,267	29,121	8,015	72	8,087	7,460	76	7,536
55. Oil storage tanks .....	3,709	200	3,909	6,444	287	6,731	6,312	275	6,587
56. Gas storage tanks .....	30	—	30	181	—	181	1,300	—	1,300
57. Oil pipe lines .....	12,652	1,831	14,483	6,293	1,562	7,855	12,486	1,787	14,273
58. Gas pipe lines .....	12,096	684	12,780	2,434	239	2,673	4,532	262	4,794
59. Oil and gas wells .....	242,356	38,195	280,551	248,691	33,896	282,587	296,164	38,359	334,523
61. Oil refinery — Processing units <sup>10</sup> .....	20	3,213	3,233	—	3,025	3,025	—	5,413	5,413
62. Natural gas processing plants .....	139,746	21,532	161,278	164,079	24,444	188,523	89,106	27,607	116,713
<b>Other engineering construction .....</b>	<b>105,057</b>	<b>21,263</b>	<b>126,320</b>	<b>48,679</b>	<b>24,453</b>	<b>73,132</b>	<b>78,148</b>	<b>19,624</b>	<b>97,772</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	19,051	4,677	23,728	16,638	6,670	23,308	22,460	4,809	27,269
64. Tunnels and subways .....	950	5	955	447	—	447	33	—	33
65. Incinerators .....	384	107	491	164	1	165	9	10	19
66. Park systems, landscaping, sodding, etc. ....	2,229	1,792	4,021	3,394	2,130	5,524	7,394	2,553	9,947
67. Swimming pools, tennis courts, outdoor recreation facilities ....	4,031	88	4,119	1,946	220	2,166	2,848	135	2,983
68. Mine shafts and other below surface workings .....	13,282	152	13,434	2,786	30	2,816	1,094	52	1,146
69. Fences, snowsheds, signs, guard rails .....	5,928	1,793	7,721	5,660	1,775	7,435	5,942	1,852	7,794
70. Other engineering construction <sup>10</sup> .....	59,202	12,649	71,851	17,644	13,627	31,271	38,368	10,213	48,581

See footnote(s) on page 44.

**TABLE 27. Total Value of Construction Work Performed -- New and Repair by Type of Structure -- British Columbia, 1970-72<sup>1,10,11,13</sup>**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Total value of construction .....</b>	<b>1,568,982</b>	<b>272,748</b>	<b>1,841,730</b>	<b>2,084,000</b>	<b>289,173</b>	<b>2,373,173</b>	<b>2,040,697</b>	<b>309,598</b>	<b>2,350,295</b>
<b>Total building construction .....</b>	<b>836,737</b>	<b>163,088</b>	<b>999,825</b>	<b>1,085,809</b>	<b>171,194</b>	<b>1,257,003</b>	<b>1,063,368</b>	<b>177,645</b>	<b>1,241,013</b>
<b>Residential .....</b>	<b>473,700</b>	<b>101,500</b>	<b>575,200</b>	<b>571,100</b>	<b>106,100</b>	<b>677,200</b>	<b>635,300</b>	<b>110,700</b>	<b>746,000</b>
<b>Industrial .....</b>	<b>121,785</b>	<b>15,671</b>	<b>137,456</b>	<b>195,872</b>	<b>17,327</b>	<b>213,199</b>	<b>88,216</b>	<b>19,190</b>	<b>107,406</b>
2. Factories, plants, workshops, food canneries ....	93,233	12,070	105,303	99,885	13,660	113,545	57,803	15,175	72,978
3. Mine and mine mill buildings .....	25,425	1,652	27,077	91,665	1,213	92,878	26,268	1,474	27,742
4. Railway stations, offices, roadway buildings ....	1,769	1,142	2,911	2,992	1,411	4,403	2,616	1,457	4,073
5. Railway shops, engine houses, water and fuel stations .....	1,358	807	2,165	1,330	1,043	2,373	1,529	1,084	2,613
<b>Commercial .....</b>	<b>102,604</b>	<b>22,206</b>	<b>124,810</b>	<b>167,836</b>	<b>25,289</b>	<b>193,125</b>	<b>196,866</b>	<b>25,036</b>	<b>221,902</b>
6. Warehouses, storehouses, refrigerated storage, etc. ....	7,577	2,465	10,042	12,087	2,257	14,344	8,815	2,441	11,256
7. Grain elevators .....	348	66	414	324	917	1,241	1,444	929	2,373
8. Hotels, clubs, restaurants, cafeterias, tourist cabins .....	14,370	2,649	17,019	12,809	2,526	15,335	37,150	2,462	39,612
9. Office buildings .....	37,394	7,723	45,117	72,412	9,475	81,887	75,911	9,507	85,418
10. Stores, retail and wholesale .....	17,499	4,954	22,453	42,700	5,661	48,361	42,358	5,392	47,750
11. Garages and service stations .....	14,710	2,873	17,583	12,470	2,357	14,827	14,940	2,944	17,884
12. Theatres, arenas, amusement and recreational buildings .....	10,465	1,351	11,816	14,834	1,955	16,789	16,048	1,250	17,298
13. Laundries and dry cleaning establishments .....	241	125	366	200	141	341	200	111	311
<b>Institutional .....</b>	<b>94,942</b>	<b>15,440</b>	<b>110,382</b>	<b>110,037</b>	<b>15,609</b>	<b>125,646</b>	<b>104,939</b>	<b>16,541</b>	<b>121,480</b>
14. Schools and other educational buildings .....	58,804	6,963	65,767	59,265	7,007	66,272	59,402	6,933	66,335
15. Churches and other religious buildings .....	2,492	457	2,949	1,325	382	1,707	1,138	421	1,559
16. Hospitals, sanatoria, clinics, first-aid stations, etc. ....	23,518	4,793	28,311	28,583	2,286	30,869	27,179	3,043	30,222
17. Other institutional buildings .....	10,128	3,227	13,355	20,864	5,934	26,798	17,220	6,144	23,364
<b>Other building construction .....</b>	<b>43,706</b>	<b>8,271</b>	<b>51,977</b>	<b>40,964</b>	<b>6,869</b>	<b>47,833</b>	<b>38,047</b>	<b>6,178</b>	<b>44,225</b>
18. Farm buildings (excluding dwellings) .....	3,940	1,046	4,986	2,282	609	2,891	2,340	624	2,964
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges .....	4,217	975	5,192	7,702	977	8,679	16,659	1,524	18,183
20. Aeroplane hangars .....	4,493	181	4,674	3,135	212	3,347	653	253	906
21. Passenger terminals, bus, boat or air .....	2,646	23	2,669	5,238	144	5,382	3,327	197	3,524
22. Armouries, barracks, drill halls, etc. ....	1,214	694	1,908	1,656	582	2,238	1,475	680	2,155
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps .....	8,270	1,189	9,459	6,727	1,376	8,103	4,232	1,468	5,700
24. Laboratories .....	306	469	775	655	211	866	853	197	1,050
25. Other building construction .....	18,620	3,694	22,314	13,569	2,758	16,327	8,508	1,235	9,743
<b>Total engineering construction .....</b>	<b>732,245</b>	<b>109,660</b>	<b>841,905</b>	<b>998,191</b>	<b>117,979</b>	<b>1,116,170</b>	<b>977,329</b>	<b>131,953</b>	<b>1,109,282</b>
<b>Marine construction .....</b>	<b>13,061</b>	<b>6,144</b>	<b>19,205</b>	<b>19,738</b>	<b>5,146</b>	<b>24,884</b>	<b>33,527</b>	<b>5,968</b>	<b>39,495</b>
26. Docks, wharves, piers, breakwaters .....	5,206	4,054	9,260	8,554	3,105	11,659	11,171	3,571	14,742
27. Retaining walls, embankments, riprapping .....	1,268	102	1,370	1,754	37	1,791	1,884	112	1,996
28. Canals and waterways .....	2,849	—	2,849	3,881	3	3,884	3,466	—	3,466
29. Dredging and pile driving .....	1,012	1,368	2,380	710	1,334	2,044	1,183	1,650	2,833
30. Dyke construction .....	1,058	66	1,124	2,695	94	2,789	8,011	87	8,098
31. Logging booms .....	159	357	516	243	368	611	247	338	585
32. Other marine construction .....	1,509	197	1,706	1,901	205	2,106	7,565	210	7,775

**TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure - British Columbia, 1970-72<sup>1,10,11,13</sup> - Concluded**

Type of structure	1970			1971			1972		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
thousands of dollars									
<b>Road, highway and aerodrome construction .....</b>	<b>139,523</b>	<b>34,828</b>	<b>174,351</b>	<b>150,673</b>	<b>43,716</b>	<b>194,389</b>	<b>162,158</b>	<b>48,271</b>	<b>210,429</b>
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) .....	133,540	34,020	167,560	142,765	42,864	185,629	154,299	47,217	201,516
34. Parking lots .....	1,042	328	1,370	1,162	292	1,454	1,310	296	1,606
36. Sidewalks, paths .....	1,821	358	2,179	2,243	423	2,666	2,925	596	3,521
37. Aerodromes, landing fields, runways, tarmac .....	3,120	122	3,242	4,503	137	4,640	3,624	162	3,786
<b>Waterworks and sewage systems .....</b>	<b>45,919</b>	<b>5,604</b>	<b>51,523</b>	<b>83,894</b>	<b>7,343</b>	<b>91,237</b>	<b>79,828</b>	<b>9,211</b>	<b>89,039</b>
38. Tile drains, drainage ditches, storm sewers .....	4,328	913	5,241	5,640	2,542	8,182	5,752	2,868	8,620
39. Water mains, hydrants and services .....	14,786	2,541	17,327	23,163	2,607	25,770	14,698	3,514	18,212
40. Sewage systems and connections .....	24,548	1,471	26,019	45,781	1,632	47,413	55,325	2,299	57,624
41. Pumping stations, water <sup>10</sup> .....	1,598	597	2,195	6,973	490	7,463	3,226	465	3,691
42. Water storage tanks <sup>10</sup> .....	659	82	741	2,337	72	2,409	827	65	892
<b>Dams and irrigation .....</b>	<b>10,808</b>	<b>509</b>	<b>11,317</b>	<b>17,323</b>	<b>227</b>	<b>17,550</b>	<b>11,329</b>	<b>252</b>	<b>11,581</b>
43. Dams and reservoirs .....	4,647	353	5,000	13,822	93	13,915	10,697	100	10,797
44. Irrigation and land reclamation projects .....	6,161	156	6,317	3,501	134	3,635	632	152	784
<b>Electric power construction .....</b>	<b>174,715</b>	<b>12,651</b>	<b>187,366</b>	<b>183,437</b>	<b>11,618</b>	<b>195,055</b>	<b>196,373</b>	<b>12,601</b>	<b>208,974</b>
45. Electric power generating plants, including water conveying and controlling structures .....	104,659	4,316	108,975	122,157	3,550	125,707	123,529	3,874	127,403
46. Electric transformer stations .....	549	108	657	537	101	638	583	77	660
47. Power transmission and distribution lines, trolley wires .....	67,720	7,851	75,571	59,640	7,451	67,091	70,967	8,211	79,178
48. Street lighting .....	1,787	376	2,163	1,103	516	1,619	1,294	439	1,733
<b>Railway, telephone and telegraph .....</b>	<b>82,122</b>	<b>26,276</b>	<b>108,398</b>	<b>94,389</b>	<b>24,639</b>	<b>119,028</b>	<b>96,958</b>	<b>25,828</b>	<b>122,786</b>
49. Railway tracks and roadbed .....	51,263	16,632	67,895	59,555	16,611	76,166	57,469	17,242	74,711
50. Signals and interlockers .....	1,544	1,504	3,048	1,410	1,971	3,381	1,243	2,050	3,293
51. Telegraph and telephone lines, underground and marine cables .....	29,315	8,140	37,455	33,424	6,057	39,481	38,246	6,536	44,782
<b>Gas and oil facilities .....</b>	<b>143,584</b>	<b>12,615</b>	<b>156,199</b>	<b>285,898</b>	<b>14,165</b>	<b>300,063</b>	<b>249,910</b>	<b>15,597</b>	<b>265,507</b>
52. Gas mains and services .....	10,946	1,099	12,045	9,953	1,367	11,320	12,489	1,508	13,997
53. Pumping stations, oil .....	1,035	808	1,843	2,964	748	3,712	544	785	1,329
54. Pumping stations, gas .....	9,805	732	10,537	19,437	1,035	20,472	7,171	1,115	8,286
55. Oil storage tanks .....	1,716	215	1,931	1,257	156	1,413	2,100	228	2,328
56. Gas storage tanks .....	1,560	6	1,566	62	30	92	-	31	31
57. Oil pipe lines .....	378	540	918	8	299	307	-	306	306
58. Gas pipe lines .....	19,163	157	19,320	102,453	126	102,579	30,488	134	30,622
59. Oil and gas wells .....	87,350	3,595	90,945	113,120	5,975	119,095	165,055	6,105	171,160
61. Oil refinery - Processing units .....	3,892	3,996	7,888	5,538	3,408	8,946	9,291	4,279	13,570
62. Natural gas processing plants .....	7,739	1,467	9,206	31,106	1,021	32,127	22,772	1,106	23,878
<b>Other engineering construction .....</b>	<b>122,513</b>	<b>11,033</b>	<b>133,546</b>	<b>162,839</b>	<b>11,125</b>	<b>173,964</b>	<b>147,246</b>	<b>14,225</b>	<b>161,471</b>
63. Bridges, trestles, culverts, overpasses, viaducts .....	22,885	4,728	27,613	28,670	4,108	32,778	31,828	4,814	36,642
64. Tunnels and subways .....	333	-	333	113	118	231	199	-	199
65. Incinerators .....	147	58	205	14	13	27	94	16	110
66. Park systems, landscaping, sodding, etc. ....	1,080	275	1,355	7,681	1,759	9,440	5,708	3,701	9,409
67. Swimming pools, tennis courts, outdoor recreation facilities .....	3,507	686	4,193	3,029	152	3,181	3,184	277	3,461
68. Mine shafts and other below surface workings .....	80,373	566	80,939	72,249	633	72,882	84,903	619	85,522
69. Fences, snowsheds, signs, guard rails .....	1,036	1,162	2,198	1,689	383	2,072	1,810	454	2,264
70. Other engineering construction <sup>10</sup> .....	13,152	3,558	16,710	49,394	3,959	53,353	19,520	4,344	23,864

See footnote(s) on page 44.



## STATISTICAL NOTES

### Sources

The statistics presented in this report are based on information received from organizations and individuals paying for the work done and on information received from contractors performing the work.

The data on the value of construction by type of structure is the result of two separate surveys:

- (a) The capital expenditures survey which obtains information from business firms, institutions and government-owned enterprises.
- (b) The construction survey of government departments which provides much of the remainder.

### Methods and Coverage

(i) Of the total value of construction shown, about 81.7% was reported in **capital spending surveys** of business firms, institutions, government enterprises and departments and residential building activity. The remainder is estimated.

A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see page 24 of the report *Private and Public Investment in Canada, Outlook 1972*.

To approximate full coverage adjustments are made to the surveyed data to allow for non-reporting firms.

In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments for the most recent year available of all the firms in each industry by the corresponding total for the firms reporting in the current surveys. The use of shipments as related indicator provides a framework of analysis in the estimation procedures to take account of relevant industry characteristics such as the size of firms. In the utilities, trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by establishments for which no production or other basic data are available are included as "net additions". It is believed that the estimating procedures for non-reporting firms and the sectors not covered by direct survey does not introduce any great margin of error into the total.

The large sample size reduces the standard error of estimate, which will vary for specific structures, regions and industries depending on individual coverage.

Both the 1971 preliminary actual expenditures and the 1972 forecast expenditures were reported by business establishments on the same questionnaire form. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1971 to 1972 can be calculated with more accuracy than the absolute magnitude of expenditures in the two years.

The data on 1972 construction expenditures are aggregates of the intentions of the individual respondents. These estimates are therefore subject

In both these surveys respondents report their total expenditures on new and repair construction, by type of structure, additional to a breakdown of these totals into value of work done by contract and by own labour force.

The data on labour and materials input are based on the survey of contractors and sub-contractors and on the censuses of mechanical and electrical trade contractors, and highway, roads and bridge general contractors.

Respondents report volume of work performed and its input components, as well as further data on type of work, labour force, and capital expenditures.

to different realization caused by several internal and external factors such as business outlook, government policy, price trends, strikes and short-ages.

Finally, the capital expenditure surveys provide own account data.

(ii) The **contractor surveys** provide the ratios on which labour and materials content calculations are based. In volume terms coverage in the 1970 contractor survey was 56.5%.

Number of employees are arrived at by dividing the labour content by annual average wage rates which were projected from 1963 contractor survey data.

Data on labour value are understated for the years 1971 and 1972 since ratio of labour content in the survey year was not adjusted to reflect wage increases, this also has a lowering effect on the man years figure.

(iii) **Housing estimates** were made on a different basis from those derived from information submitted directly by business or government. For 1970 and 1971, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by Statistics Canada. These value estimates were calculated by means of a very sensitive methodology based on the duration of construction and monthly measures of work put in place. Appraisals of the probable volume of housing construction in 1972 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of construction work carried over from 1971, and the value of work expected to be undertaken in 1972.

## FOOTNOTES

<sup>1</sup> Actual expenditures 1963-70, preliminary actual 1971, intentions 1972.

<sup>2</sup> In the Statistics Canada report *Private and Public Investment in Canada*, the total value of construction work performed is given as \$13,780 millions for 1970, \$15,647 millions for 1971, and \$16,340 millions for 1972. The differences with values in this report are due to rounding procedures.

<sup>3</sup> Data for 1963-67 are not directly comparable with data published for years previous to 1961 due to minor revisions in the mining and residential sectors.

<sup>4</sup> Table from *Private and Public Investment in Canada, Outlook 1972*.

<sup>5</sup> Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration by mining companies in production, those preparing for production and exploration companies.

<sup>6</sup> Beginning in 1969, outlays by municipalities on water systems, previously included with utilities, are now included with municipal government departments.

<sup>7</sup> The use of a special survey questionnaire for petroleum, gas wells and material gas processing plants resulted in re-allocations of structure data after 1964.

<sup>8</sup> Data for government departments include data for departmental crown corporations and exclude data for proprietary crown corporations which are all classified to other industries. Agency crown corporations, on the other hand, are provisionally classified in part to other industries and the remainder to government departments.

<sup>9</sup> Represents work done by the labour forces of utilities, government departments and other employees not primarily engaged in the construction industry. Beginning in 1969, materials supplied free of charge to contractors by project owners (previously included in contract construction) are included in other construction.

<sup>10</sup> "Other building", "other marine" and "other engineering", items 25, 32 and 70 respectively, contain structures which would not be published in their specific categories due to the secrecy provisions of the Statistics Act.

<sup>11</sup> Beginning in 1969, several changes were made to the format for publishing expenditures by structural item. A new classification, item 24, "laboratories" was segregated. This structural item was previously included in item 25, "other building construction". "Electric power dams", previously grouped in item 43, are included in item 45, "electric power generating plants". Highway, road and street construction, previously items 32, 33, 34 and 35 were grouped into one category, item 45. "Parking lots", previously included as part of the same items, were separated. "Oil wells" and "gas wells", previously items 59 and 60, were combined into one category, item 59 "oil and gas wells".

<sup>12</sup> Item 46, electric transformer stations, formerly considered to be construction, is now considered to be an item of machinery and equipment in the electric power sub-sector of utilities.

<sup>13</sup> British Columbia includes Northwest Territories and Yukon.

<sup>14</sup> Number of employees is given in equivalent man-years.

<sup>15</sup> "Miscellaneous" consists of construction work done by firms not primarily engaged in the construction industry, i.e. the construction labour forces of the primary (except construction), manufacturing, trade, finance, commercial, residential and institutional sectors.

<sup>16</sup> Primary industries include agriculture, fishing, mining, forestry and the construction industry.

<sup>17</sup> The capital construction expenditures for mines include outlays for on-property exploration and development.

## USER COMMENTS

### CONSTRUCTION IN CANADA 1970-72

The statistical data in this publication are prepared to meet the requirements of a broad range of different uses. In order to better service both specific and general user requirements – via continuing revisions to the selection and presentation of appropriate statistical tables – your answers to the following questions would be appreciated:

(Please attach notes if space for answers below is insufficient)

1. (a) What was the nature of research or studies for which these statistics were used (e.g. market analysis, internal cost and profit analysis, labour series, other, etc.) ?

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- (b) Are these studies: ☐ Continuing (e.g. time series)? ☐ Occasional? ☐ Both?

2. Briefly describe the terms of reference and objectives of the above studies.

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3. (a) Were the statistics in this publication able to satisfy all of the above study requirements in regard to this industry?

☐ Yes ☐ No

- (b) If "no", what additional statistical information would have been useful for purposes of these studies?

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4. What changes in the format and style of this publication do you feel would make it more readily usable?

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## CONSTRUCTION IN CANADA

1971-1973

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## LA CONSTRUCTION AU CANADA

1971-1973

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## INTRODUCTION

This report contains data on the total value of construction put in place during 1971 and 1972 and on intended construction expenditures for 1973. The information presented for 1972 is preliminary whereas that shown for 1971 and earlier years is final.

For the larger part the contents of *Construction in Canada* are based on the Statistics Canada capital expenditure survey. From the same source an earlier report *Private and Public Investment in Canada, Outlook 1973* is published. *Private and Public Investment* reports the total capital outlays program including machinery and equipment, whereas *Construction in Canada* emphasizes the construction activity and reports a further detail of construction performed by 70 different types of structure. Additionally, statistics on labour and materials input are supplied based on the Statistics Canada contractor survey, and on the censuses of mechanical and electrical trade contractors, and highway, road, bridge, and non-residential general contractors.

### DEFINITIONS

**Construction** is defined as the creation, renovation, repair and demolition of immobile structures and the alteration of the natural topography of the ground.

**Construction activity** consists of the output of the **construction industry** plus the output of construction labour forces in other industries.

The **construction industry** is defined as the work performed by establishments primarily engaged in construction on a contract basis. Contract construction in the construction industry is executed by general contractors and special trade contractors. This publication reports "Dollar value" of construction work performed (or put in place) for the construction activity in Canada, as estimated on the basis of surveys (see Statistical Notes, Sources). Included is (1) work performed by the **construction industry** designated as "Contract construction" (Table 2, p. 8) or "Contractors" (Table 8, page 13) and (2) work performed by construction labour forces in other than the construction industry, designated as "Own account" or "Other construction" (Table 2, p. 8) or "Utilities — Governments — Miscellaneous" (Table 8, p. 13).

**New construction** comprises all new work put in place, as well as additions and major renovations, conversions and alterations where either a structural change takes place or the life of an existing asset is extended beyond its normal life expectancy.

**Repair construction** consists of minor renovations and alterations made to maintain the operating efficiency of the existing structures.

Ce bulletin contient des renseignements sur la valeur totale des travaux de construction exécutés au cours des années 1971 et 1972, et sur le montant des travaux projeté pour 1973. Les données sur 1972 sont provisoires; les chiffres sur 1971 et les années antérieures sont définitifs.

La plupart des renseignements publiés ici ont été recueillis dans le cadre de l'enquête sur les investissements de Statistique Canada. Le bulletin *Investissements privés et publics au Canada, perspectives de 1973* est tiré de la même enquête; il porte sur la valeur totale des immobilisations, y compris les machines et l'outillage, tandis que *La Construction au Canada* met l'accent sur l'activité de l'industrie de la construction et donne plus de détails sur les travaux de construction exécutés, selon le genre de construction (on en distingue environ 70). Cette publication contient de plus des données supplémentaires sur la main-d'oeuvre et les matériaux utilisés; ces données sont tirées d'enquêtes que Statistique Canada mène auprès des entrepreneurs et de recensements effectués auprès de certains entrepreneurs spécialisés dans les domaines de la mécanique et de l'électricité et d'entrepreneurs généraux dans les travaux de grandes routes, rues, chemins et ponts et de bâtiments non résidentiels.

### DÉFINITIONS

**Construction** — Création, rénovation, réparation ou démolition de constructions fixes et modification de la topographie naturelle du terrain.

**Travaux de construction** — Résultat de l'activité de l'industrie de la construction et de l'activité dans la construction par la main-d'oeuvre appartenant à d'autres branches d'activité.

**Industrie de la construction** — Comprend les entreprises dont l'activité principale est la construction sous contrat (construction exécutée par des entrepreneurs généraux et des entrepreneurs spécialisés). Le bulletin contient des données sur la "valeur en dollars" estimative des travaux de construction exécutés (ou mis en place) au Canada (voir Renseignements Statistiques, Sources); il porte 1) sur les travaux exécutés par l'**industrie de la construction** et appelés "construction sous contrat" (tableau 2, page 8) ou par des entrepreneurs (tableau 8, page 13) et 2) et les travaux exécutés par une main-d'oeuvre n'appartenant pas à l'industrie de la construction et désignés comme "propre compte" ou "autre construction" (tableau 2, page 8) ou "services d'utilité publique — gouvernements — divers" (tableau 8, p. 13).

**Construction neuve** — Ouvrages neufs et rajouts ou rénovations, transformations et réfections importantes, si une modification est apportée à une construction ou si la vie utile d'une immobilisation est prolongée au-delà de sa vie utile probable.

**Réparations** — Rénovations et réfections de moindre importance propres à conserver une construction en état d'exploitation.



**Structures** — The construction value, and the structures that this is broken down into, includes all costs incurred directly or indirectly in the construction of the structure. In the independently recognizable structures the value of all permanently built-in equipment forming an integral part of the structure is included, as well as the cost of site preparation and land improvement. The purchase value of land and existing buildings is excluded.

**Labour content** — The Labour Series as published in *Construction in Canada* is intended to reflect the labour content in terms of "value" and "number" of a specific volume of construction. The "value" is gross payroll and the "number" is an estimate of the total number of persons, employers, own account and paid workers engaged in construction activity, expressed in terms of equivalent man years.

**Materials content** is the cost of materials installed portion of the value of work performed. The residual difference between value of work performed and cost of labour and materials is all other costs and profit.

## GENERAL REVIEW

Construction volumes for 1971 and 1972 amounted to 15,865.3 and 17,027.5 million. The volume is expected to increase to 18,057.9 million in 1973. The construction program anticipated for 1973 exceeds the 1972 volume by 1,030.4 million or 6.1%, which compares with increases of 15.1% and 7.3% realized in 1971 and 1972. The increase for 1972 is higher than the 4.4% that was anticipated last year for 1972 and amounts in terms of constant dollar volume to an increase of 0.8%.

The industry sectors with the strongest growth for 1973 are expected to be forestry with 30.3%, commercial services with 24.1% and finance with 23.8%. Among the provinces, all except Newfoundland project increases for 1973, with notable advances of 17.9% in Nova Scotia, 15.0% in Prince Edward Island and 12.7% in Manitoba.

In 1973, new construction is estimated to be up 5.6% while the repair portion shows an increase of 8.6%. The proportion of the complete 1973 program to be performed under contract is slightly lower at 78.5% for 1973, although fairly consistent with the 79.5% in 1972. The value of engineering type construction at 42.4% of the total expected volume for 1973 is up 10.7% over 1972, and the building activity portion (57.6%) is up 2.9% over the year before. The residential structures section recorded an increase of 15.8% in 1972, providing most of the strength to the significant increase in total construction work done for that year. For 1973, this structure group is still increasing but at a lower rate of 1.6%.

The most significant increase within the building activity portion for 1973 is, however, commercial structures, up by 18.3%. Most engineering structure groups are up for 1973, creating an overall increase in engineering construction of 10.7%.

**Constructions** — Le montant des travaux et sa ventilation suivant le genre de construction comprend l'ensemble des dépenses engagées directement ou indirectement dans le cadre des travaux de construction. Dans le cas de constructions reconnaissables comme telles, le montant des travaux comprend le matériel installé à demeure et constituant une partie intégrante de la construction, ainsi que le coût du terrassement et de l'aménagement du terrain; toutefois, la valeur du terrain et des bâtiments existants n'est pas comprise.

**Main-d'oeuvre** — Les données sur la main-d'oeuvre dans ce bulletin portent sur les "effectifs" et sur leur "valeur" relatifs au volume de construction déterminé. La "valeur" réfère aux rémunérations brutes; les effectifs sont une estimation du nombre total de personnes (employeurs, travailleurs indépendants, propre compte et salariés) qui ont participé à la construction, exprimée en années-hommes.

**Matériaux** — Les données sur les matériaux portent sur le coût des matériaux entrant dans la construction mise en place. La différence entre la valeur totale des travaux exécutés et le coût combiné de la main-d'oeuvre et des matériaux représente l'ensemble des autres coûts et le bénéfice.

## APERCU GÉNÉRAL

Le volume réel des travaux de construction en 1971 et 1972 s'est élevé à 15,865.3 et 17,027.5 millions de dollars. On s'attend à ce qu'il passe à 18,057.9 millions en 1973. Le programme de construction prévu pour 1973 dépasse le chiffre d'affaires de 1972 de 1,030.4 millions, soit 6.1 %, comparativement à des augmentations de 15.1 % et 7.3 % obtenues en 1971 et 1972. L'augmentation de 1972 est supérieure à ce qu'on avait prévu l'année précédente pour cette année-là (4.4 %) et représente, en dollars constants, une hausse de 0.8 %.

En 1973, les plus fortes augmentations devraient se produire dans l'exploitation forestière (30.3 %), les services commerciaux (24.1 %), et les finances (23.8 %). Toutes les provinces, sauf la Terre-Neuve, prévoient des hausses pour 1973, dont les plus importantes sont de 17.9 % en Nouvelle-Écosse, 15.0 % à l'Île-du-Prince-Édouard et de 12.7 % au Manitoba.

En 1973, on estime que la construction neuve a progressé de 5.6 % et les travaux de réparation, de 8.6 %. La proportion de tous les travaux exécutés sous contrat en 1973, qui se situe à 78.5 %, accuse une légère diminution, bien qu'elle soit assez conforme à celle de 1972, qui était de 79.5 %. La valeur des travaux de génie, qui représente 42.4 % du volume total prévu pour 1973, dépasse de 10.7 % les chiffres de 1972, alors que le bâtiment (57.6 %) connaît une hausse de 2.9 % sur l'année précédente. La construction résidentielle avait accusé une augmentation de 15.8 % en 1972, contribuant ainsi le plus à la forte hausse du volume total des travaux de construction exécutés cette année-là. En 1973, elle a continué à augmenter mais à un taux inférieur de 1.6 %.

En 1973, l'augmentation la plus importante dans la construction de bâtiments est, cependant, celle des immeubles commerciaux avec une hausse de 18.3 %. La plupart des groupes de travaux de génie ont augmenté en 1973, ce qui a provoqué une hausse générale de 10.7 %.



**TABLE A. Total Value of Construction Work Performed — Percentage Variation from Year to Year in Terms of Current and Constant Dollars, 1964 - 1973<sup>1,2,3,20,21</sup>**

**TABLEAU A. Valeur globale des travaux de construction exécutés — Variation en pourcentage, en dollars courants et en dollars constants, 1964 - 1973<sup>1,2,3,20,21</sup>**

Year — Année	Current dollars — Dollars courants		Constant 1961 dollars — Dollars constants - 1961	
	Amount — Montant	Variation	Amount — Montant	Variation
	\$'000,000	%	\$'000,000	%
1964 .....	8,662	12.3	8,129	8.8
1965 .....	9,929	14.6	8,826	8.6
1966 .....	11,235	13.2	9,403	6.5
1967 .....	11,620	3.4	9,342	- 0.6
1968 .....	12,214	5.1	9,693	3.8
1969 .....	13,207	8.1	9,929	2.4
1970 .....	13,781	4.3	9,897	- 0.3
1971 .....	15,865	15.1	10,762	8.7
1972 .....	17,028	7.3	10,843	0.8
1973 .....	18,058	6.0	—	—

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE B. Capital and Repair Expenditures — Summary by Sectors, Canada, 1971 - 1973<sup>1,4,5,6,7,8,18,20</sup>**

**TABLEAU B. Immobilisations et réparations — Sommaire par secteurs, Canada, 1971 - 1973<sup>1,4,5,6,7,8,18,20</sup>**

Sector — Secteur	Capital expenditures — Immobilisations			Repair expenditures — Réparations			Capital and repair expenditures — Immobilisations et réparations		
	Con- struction activity	Machinery and equipment	Sub- total	Con- struction activity	Machinery and equipment	Sub- total	Con- struction activity	Machinery and equipment	Total
	Travaux de cons- truction	Machines et outillage	Total partiel	Travaux de cons- truction	Machines et outillage	Total partiel	Travaux de cons- truction	Machines et outillage	Total
\$'000,000									
Agriculture and fishing — Agriculture et pêche .....	1971 228	722	950	90	251	341	318	973	1,291
.....	1972 258	889	1,147	102	268	370	360	1,157	1,517
.....	1973 275	1,025	1,300	111	294	405	386	1,319	1,705
Forestry — Forêts .....	1971 45	49	94	16	72	88	61	121	182
.....	1972 50	59	109	18	71	89	68	130	198
.....	1973 69	78	147	19	76	95	88	154	242
Mining, quarrying and oil wells <sup>5,7</sup> — Mines, carriè- res et puits de pétrole. <sup>5,7</sup> .....	1971 1,315	447	1,762	149	377	526	1,464	824	2,288
.....	1972 1,173	420	1,593	143	361	504	1,316	781	2,097
.....	1973 1,165	405	1,570	161	401	562	1,326	806	2,132
Manufacturing — Fabrication .....	1971 873	2,121	2,994	207	1,276	1,483	1,080	3,397	4,477
.....	1972 786	2,170	2,956	220	1,314	1,537	1,006	3,487	4,493
.....	1973 888	2,329	3,217	234	1,379	1,613	1,122	3,708	4,830
Utilities <sup>6,18</sup> — Services d'utilité publique <sup>6,18</sup> .....	1971 2,228	1,760	3,988	392	926	1,318	2,620	2,686	5,306
.....	1972 2,389	1,865	4,254	431	968	1,399	2,820	2,833	5,653
.....	1973 2,737	2,300	5,037	479	1,047	1,526	3,216	3,347	6,563
Construction industry — Industrie de la construction .....	1971 17	290	307	7	250	257	24	540	564
.....	1972 15	285	300	7	240	247	22	525	547
.....	1973 15	280	295	7	235	242	22	515	537
Housing — Logement .....	1971 4,025	—	4,025	951	—	951	4,976	—	4,976
.....	1972 4,736	—	4,736	1,024	—	1,024	5,760	—	5,760
.....	1973 4,740	—	4,740	1,113	—	1,113	5,853	—	5,853
Trade — Wholesale and retail — Commerce (gros et détail). .....	1971 181	335	516	64	76	140	245	411	656
.....	1972 205	422	627	61	76	137	266	498	764
.....	1973 244	429	673	66	77	143	310	506	816
Finance, insurance and real estate — Finances, assurances et affaires immobilières. ....	1971 499	102	601	46	15	61	545	117	662
.....	1972 736	112	848	47	15	62	783	127	910
.....	1973 918	137	1,055	51	16	67	969	153	1,122
Commercial services — Services commerciaux .....	1971 221	577	798	26	97	123	247	674	921
.....	1972 208	835	1,043	21	101	122	229	936	1,165
.....	1973 262	1,055	1,317	23	108	131	285	1,163	1,448
Institutional services — Services institutionnels....	1971 1,199	236	1,435	118	34	152	1,317	270	1,587
.....	1972 1,016	210	1,226	131	35	166	1,147	245	1,392
.....	1973 884	210	1,094	136	36	172	1,020	246	1,266
Government departments <sup>6,8,18</sup> — Ministères gouver- nementaux <sup>6,8,18</sup> . ....	1971 2,443	271	2,714	522	98	620	2,965	369	3,334
.....	1972 2,726	312	3,038	525	94	619	3,251	406	3,657
.....	1973 2,895	413	3,308	565	107	672	3,460	520	3,980
<b>Total</b> .....	1971 13,274	6,910	20,184	2,588	3,472	6,060	15,862	10,382	26,244
.....	1972 14,298	7,579	21,877	2,730	3,546	6,276	17,028	11,125	28,153
.....	1973 15,092	8,661	23,753	2,965	3,776	6,741	18,057	12,437	30,494

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE 1. Total Value of Construction Work Performed – Current and Constant Dollars by New and Repair, 1964 - 1973<sup>1,2,20,21</sup>**  
**TABIEAU 1. Valeur globale des travaux de construction exécutés – Dollars courants et dollars constants, selon la construction neuve et les réparations, 1964 - 1973<sup>1,2,20,21</sup>**

Year — Année	New – Neuve		Repair — Réparations		Total		Total construction as percentage of Gross National Expenditure — Valeur totale de la construction en pourcentage de la dépense nationale brute	
	Current dollars — Dollars courants	Constant 1961 dollars — Dollars constants 1961	Current dollars — Dollars courants	Constant 1961 dollars — Dollars constants 1961	Current dollars — Dollars courants	Constant 1961 dollars — Dollars constants 1961	Current dollars — Dollars courants	Constant 1961 dollars — Dollars constants 1961
	\$'000,000						%	
1964 .....	7,032	6,581	1,630	1,548	8,662	8,129	17.2	17.1
1965 .....	8,175	7,218	1,754	1,608	9,929	8,826	17.9	17.4
1966 .....	9,281	7,707	1,954	1,696	11,235	9,403	18.2	17.3
1967 .....	9,474	7,579	2,146	1,763	11,620	9,342	17.5	16.7
1968 .....	9,909	7,862	2,305	1,831	12,214	9,693	16.8	16.3
1969 .....	10,825	8,158	2,382	1,771	13,207	9,929	16.6	15.9
1970 .....	11,320	8,188	2,461	1,709	13,781	9,897	16.1	15.5
1971 .....	13,276	9,086	2,589	1,676	15,865	10,762	17.0	16.0
1972 .....	14,298	9,173	2,730	1,670	17,028	10,843	17.2	15.2
1973 .....	15,092		2,966		18,058			

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE 2. Total Value of Construction Work Performed – Contractors and Others<sup>9</sup> by New and Repair, 1969 - 1973<sup>1,20</sup>**  
**TABIEAU 2. Valeur globale des travaux de construction exécutés – Entrepreneurs et autres<sup>9</sup>, selon la construction neuve et les réparations, 1969 - 1973<sup>1,20</sup>**

Year — Année	Contract construction — Travaux à forfait			Other construction <sup>9</sup> — Autres travaux <sup>9</sup>			Total construction — Total, travaux de construction		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000,000								
1969 .....	9,134	1,387	10,521	1,691	995	2,686	10,825	2,382	13,207
1970 .....	9,356	1,471	10,827	1,964	990	2,954	11,320	2,461	13,781
1971 .....	11,108	1,595	12,703	2,168	994	3,162	13,276	2,589	15,865
1972 .....	11,872	1,669	13,541	2,426	1,061	3,487	14,298	2,730	17,028
1973 .....	12,352	1,820	14,172	2,740	1,146	3,886	15,092	2,966	18,058

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE 3. Total Value of Construction Work Performed – Principal Type of Construction, 1969 - 1973<sup>1,2,20</sup>**  
**TABIEAU 3. Valeur globale des travaux de construction exécutés – Genre principal de construction, 1969 - 1973<sup>1,2,20</sup>**

Type of construction — Genre de construction	1969		1970		1971		1972		1973	
	Value — Valeur	% of total — % du total	Value — Valeur	% of total — % du total	Value — Valeur	% of total — % du total	Value — Valeur	% of total — % du total	Value — Valeur	% of total — % du total
	\$'000,000		\$'000,000		\$'000,000		\$'000,000		\$'000,000	
<b>Construction – Total – Travaux de construction .....</b>	<b>13,207</b>	<b>100.0</b>	<b>13,781</b>	<b>100.0</b>	<b>15,865</b>	<b>100.0</b>	<b>17,028</b>	<b>100.0</b>	<b>18,058</b>	<b>100.0</b>
<b>Building construction – Total – Construction de bâtiments .....</b>	<b>8,055</b>	<b>61.0</b>	<b>8,098</b>	<b>58.8</b>	<b>9,367</b>	<b>59.0</b>	<b>10,106</b>	<b>59.3</b>	<b>10,398</b>	<b>57.6</b>
Residential – Habitations .....	4,228	32.0	4,008	29.1	4,976	31.4	5,760	33.8	5,853	32.4
Industrial – Bâtiments industriels .....	869	6.6	1,000	7.3	1,023	6.4	898	5.3	881	4.9
Commercial – Bâtiments commerciaux .....	1,152	8.7	1,287	9.3	1,405	8.8	1,603	9.4	1,897	10.5
Institutional – Édifices institutionnels .....	1,334	10.1	1,330	9.7	1,456	9.2	1,303	7.6	1,188	6.6
Other building – Autres bâtiments .....	472	3.6	473	3.4	507	3.2	542	3.2	579	3.2
<b>Engineering – Total – Travaux de génie .....</b>	<b>5,152</b>	<b>39.0</b>	<b>5,683</b>	<b>41.2</b>	<b>6,498</b>	<b>41.0</b>	<b>6,922</b>	<b>40.7</b>	<b>7,660</b>	<b>42.4</b>
Marine – Génie maritime .....	166	1.3	145	1.1	119	0.8	140	0.8	184	1.0
Road, highway and aerodrome construction – Travaux routiers et aérodromes .....	1,255	9.5	1,280	9.3	1,588	10.0	1,618	9.5	1,692	9.4
Waterworks and sewage systems – Canalisations d'eau et systèmes d'égouts .....	398	3.0	488	3.5	594	3.7	712	4.2	778	4.3
Dams and irrigation – Barrages et irrigation .....	69	0.5	58	0.4	56	0.4	72	0.4	67	0.4
Electric power construction – Réseaux électriques .....	1,005	7.6	1,224	8.9	1,206	7.6	1,276	7.5	1,605	8.9
Railway, telephone and telegraph construction – Voies ferrées, li- gnes téléphoniques et télégraphiques .....	525	4.0	568	4.1	615	3.9	705	4.2	784	4.3
Gas and oil facilities – Installations de gaz et de pétrole .....	966	7.3	1,094	7.9	1,290	8.1	1,389	8.2	1,502	8.3
Other engineering construction – Autres travaux de génie .....	768	5.8	826	6.0	1,030	6.5	1,010	5.9	1,048	5.8

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

TABLE 4. Total Value of Construction Work Performed - Principal Type of Construction by Industry, 1971 - 1973<sup>1,5,6,7,8,18,19,20</sup>

TABLEAU 4. Valeur globale des travaux de construction exécutés - Genre principal de construction, par branche d'activité, 1971 - 1973<sup>1,5,6,7,8,18,19,20</sup>

Industry — Industrie	1971			1972			1973		
	Building — Bâtiment	Engineering — Travaux de génie	Total	Building — Bâtiment	Engineering — Travaux de génie	Total	Building — Bâtiment	Engineering — Travaux de génie	Total
	\$'000								
<b>Total</b> .....	<b>9,366,901</b>	<b>6,498,433</b>	<b>15,865,334</b>	<b>10,105,985</b>	<b>6,921,554</b>	<b>17,027,539</b>	<b>10,397,828</b>	<b>7,660,046</b>	<b>18,057,874</b>
Agriculture and fishing - Agriculture et pêche .....	206,721	111,623	318,344	233,864	126,233	360,097	250,977	135,465	386,442
Forestry - Forêts .....	5,159	55,819	60,978	7,106	60,279	67,385	9,549	78,236	87,785
Mining, quarrying and oil wells <sup>5,7</sup> - Mines, carrières et puits de pétrole <sup>5,7</sup> .....	348,401	1,115,933	1,464,334	226,533	1,088,373	1,314,906	138,778	1,186,940	1,325,718
Construction .....	23,647	353	24,000	21,665	335	22,000	21,665	335	22,000
Manufacturing - Fabrication .....	692,836	388,652	1,081,488	653,720	352,039	1,005,759	677,973	444,072	1,122,045
Utilities <sup>6,18</sup> - Services d'utilité publique <sup>6,18</sup> .....	207,466	2,413,188	2,620,654	219,507	2,600,296	2,819,803	250,915	2,965,422	3,216,337
Trade - Wholesale and retail - Commerce (gros et détail) .....	231,426	14,022	245,448	257,141	10,026	267,167	294,554	15,500	310,054
Finance, insurance and real estate <sup>19</sup> - Finances, assurances et affaires immobilières <sup>19</sup> .....	532,857	12,594	545,451	702,205	80,316	782,521	883,516	85,152	968,668
Commercial services - Services commerciaux .....	243,861	2,442	246,303	228,372	919	229,291	282,711	1,813	284,524
Housing - Logement .....	4,975,946	—	4,975,946	5,760,397	—	5,760,397	5,853,294	—	5,853,294
Institutional services - Services institutionnels .....	1,303,950	13,601	1,317,551	1,132,893	14,205	1,147,098	1,005,078	15,566	1,020,644
Government departments <sup>6,8,18</sup> - Ministères gouvernementaux <sup>6,8,18</sup> .....	594,631	2,370,206	2,964,837	662,582	2,588,533	3,251,115	728,818	2,731,545	3,460,363

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.

TABLE 5. Total Value of Construction Work Performed - Dollar and Percentage Variation by Principal Type of Construction by Industry, 1971 - 1973<sup>1,5,6,7,8,18,19,20</sup>

TABLEAU 5. Valeur globale des travaux de construction exécutés - Variations en dollars et en pourcentage, selon le genre de construction et par branche d'activité, 1971 - 1973<sup>1,5,6,7,8,18,19,20</sup>

Industry — Industrie	Variation 1971 to 1972 — Variation de 1971 à 1972						Variation 1972 to 1973 — Variation de 1972 à 1973					
	Building — Bâtiment		Engineering — Travaux de génie		Total		Building — Bâtiment		Engineering — Travaux de génie		Total	
	\$'000,000	%	\$'000,000	%	\$'000,000	%	\$'000,000	%	\$'000,000	%	\$'000,000	%
<b>Total</b> .....	<b>739</b>	<b>7.9</b>	<b>423</b>	<b>6.5</b>	<b>1,162</b>	<b>7.3</b>	<b>292</b>	<b>2.9</b>	<b>738</b>	<b>10.7</b>	<b>1,030</b>	<b>6.1</b>
Agriculture and fishing - Agriculture et pêche .....	27	13.1	15	13.1	42	13.1	17	7.3	9	7.3	26	7.3
Forestry - Forêts .....	2	37.7	4	8.0	6	10.5	2	34.4	18	29.8	20	30.3
Mining, quarrying and oil wells <sup>5,7</sup> - Mines, carrières et puits de pétrole <sup>5,7</sup> .....	- 122	- 35.0	- 27	- 2.5	- 149	- 10.2	- 88	- 38.7	99	9.1	11	0.8
Construction .....	- 2	- 8.4	—	- 5.1	- 2	- 8.3	—	—	—	—	—	—
Manufacturing - Fabrication .....	- 39	- 5.6	- 37	- 9.4	- 76	- 7.0	24	3.7	92	26.1	116	11.6
Utilities <sup>6,18</sup> - Services d'utilité publique <sup>6,18</sup> .....	12	5.8	187	7.8	199	7.6	32	14.3	365	14.0	397	14.1
Trade - Wholesale and retail - Commerce (gros et détail) .....	26	11.1	- 4	- 28.5	22	8.8	38	14.5	5	54.6	43	16.1
Finance, insurance and real estate <sup>19</sup> - Finances, assurances et affaires immobilières <sup>19</sup> .....	169	31.8	68	537.7	237	43.5	181	25.8	5	6.0	186	23.8
Commercial services - Services commerciaux .....	- 15	- 6.4	- 2	- 62.4	- 17	- 6.9	54	23.8	1	97.3	55	24.1
Housing - Logement .....	784	15.8	—	—	784	15.8	93	1.6	—	—	93	1.6
Institutional services - Services institutionnels .....	- 171	- 13.1	1	4.4	- 170	- 12.9	- 127	- 11.3	1	9.6	- 126	- 11.0
Government departments <sup>6,8,18</sup> - Ministères gouvernementaux <sup>6,8,18</sup> .....	68	11.4	218	9.2	286	9.7	66	10.0	143	5.5	209	6.4

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.



TABLE 6. Total Value of Construction Work Performed - Type of Structure, 1969-1973<sup>1,10,11,12,19,20</sup>  
TABLEAU 6. Valeur globale des travaux de construction exécutés - Genre de construction, 1969-1973<sup>1,10,11,12,19,20</sup>

Type of structure Genre de construction	1969	1970	1971	1972	1973
	\$'000				
<b>Construction - Total - Travaux de construction</b>	<b>13,207,409</b>	<b>13,781,218</b>	<b>15,865,334</b>	<b>17,027,539</b>	<b>18,057,874</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>8,055,462</b>	<b>8,098,287</b>	<b>9,366,901</b>	<b>10,105,985</b>	<b>10,397,828</b>
<b>Residential - Habitations</b>	<b>4,227,857</b>	<b>4,008,500</b>	<b>4,975,946</b>	<b>5,760,397</b>	<b>5,853,294</b>
<b>Industrial - Bâtiments industriels</b>	<b>869,135</b>	<b>1,000,210</b>	<b>1,022,956</b>	<b>898,235</b>	<b>881,186</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	689,510	847,709	717,725	691,708	748,074
3. Mine and mine mill buildings <sup>10</sup> - Mines (bâtiments et usines) <sup>10</sup>	142,194	111,178	268,042	180,452	102,586
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	22,366	25,760	22,920	15,448	18,225
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	15,065	15,563	14,269	10,627	12,301
<b>Commercial - Bâtiments commerciaux</b>	<b>1,151,841</b>	<b>1,286,563</b>	<b>1,405,083</b>	<b>1,602,640</b>	<b>1,897,315</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigorifiques, etc.	111,791	88,097	90,918	111,484	125,707
7. Grain elevators - Silos à grain	13,113	7,946	6,702	10,513	16,129
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	77,628	92,842	167,779	154,477	202,552
9. Office buildings - Édifices à bureaux	511,997	617,823	599,066	677,392	777,488
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	261,046	273,198	305,967	382,736	470,123
11. Garages and service stations - Garages et stations-service	97,190	117,444	103,960	116,827	141,761
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, établissements récréatifs	76,507	86,190	127,890	145,314	161,638
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de nettoyage à sec	2,569	3,023	2,801	3,897	1,917
<b>Institutional - Édifices institutionnels</b>	<b>1,334,534</b>	<b>1,330,195</b>	<b>1,456,007</b>	<b>1,303,146</b>	<b>1,187,465</b>
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	961,464	889,915	952,107	844,022	707,601
15. Churches and other religious buildings - Églises et autres édifices religieux	30,903	28,927	20,606	22,073	17,870
16. Hospitals, sanatoria, clinics, first-aid stations, etc. - Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	235,906	263,327	299,672	264,628	300,797
17. Other institutional buildings - Autres édifices institutionnels	106,261	148,026	183,622	172,423	161,197
<b>Other building construction - Autres bâtiments</b>	<b>472,095</b>	<b>472,819</b>	<b>506,909</b>	<b>541,567</b>	<b>578,568</b>
18. Farm buildings (excluding dwellings) - Bâtiments de ferme (à l'exception des logements)	229,287	208,420	210,335	237,627	254,122
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	63,123	66,405	58,717	59,278	85,033
20. Aeroplane hangars - Hangars d'avion	15,718	27,668	34,123	13,868	7,991
21. Passenger terminals, bus, boat or air - Gares routières, aéroports, gares maritimes	8,210	27,164	29,687	47,515	42,167
22. Armouries, barracks, drill halls, etc. - Manèges militaires, casernes, salles d'exercice, etc.	8,070	13,253	13,941	12,379	14,352
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dépôts et camps de bûcherons	20,372	27,737	14,768	13,805	17,134
24. Laboratories <sup>11</sup> - Laboratoires <sup>11</sup>	25,688	18,828	25,222	33,627	29,110
25. Other building construction <sup>10,11</sup> - Autres bâtiments <sup>10,11</sup>	101,627	83,344	120,116	123,468	128,659
<b>Engineering construction - Total - Travaux de génie</b>	<b>5,151,947</b>	<b>5,682,931</b>	<b>6,498,433</b>	<b>6,921,554</b>	<b>7,660,046</b>
<b>Marine construction - Génie maritime</b>	<b>165,374</b>	<b>144,659</b>	<b>119,026</b>	<b>140,391</b>	<b>184,055</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	73,949	63,814	53,984	68,073	93,495
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	37,021	32,809	7,157	11,182	14,206
28. Canals and waterways - Canaux et voies navigables	35,482	29,828	36,722	38,180	34,061
29. Dredging and pile driving - Dragage et battage de pieux	9,378	6,977	9,530	10,334	19,659
30. Dyke construction - Construction de digues	4,359	2,687	3,265	4,159	8,201
31. Logging booms - Estacades	1,202	881	1,077	946	910
32. Other marine construction - Autres constructions maritimes	3,983	7,663	7,291	7,517	13,523

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.

TABLE 6. Total Value of Construction Work Performed — Type of Structure, 1969-1973<sup>1,10,11,12,19,20</sup> — Concluded  
 TABLEAU 6. Valeur globale des travaux de construction exécutés — Genre de construction, 1969-1973<sup>1,10,11,12,19,20</sup> — fin

Type of structure Genre de construction	1969	1970	1971	1972	1973
	\$'000				
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes.....</b>	<b>1,255,257</b>	<b>1,280,264</b>	<b>1,588,297</b>	<b>1,617,681</b>	<b>1,692,333</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) <sup>11</sup> — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage) <sup>11</sup> .....	1,210,268	1,231,975	1,510,252	1,538,244	1,601,089
34. Parking lots <sup>11</sup> — Terrains de stationnement <sup>11</sup> .....	8,566	12,670	20,484	16,673	19,964
36. Sidewalks, paths — Trottoirs, allées.....	20,639	20,411	23,728	24,201	24,743
37. Aerodromes, landing fields, runways, tarmac — Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement.....	15,784	15,208	33,833	38,563	46,537
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts.....</b>	<b>397,796</b>	<b>487,709</b>	<b>593,443</b>	<b>712,272</b>	<b>777,566</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux.....	44,070	82,678	109,226	157,123	181,745
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement.....	110,955	131,920	164,914	198,888	211,313
40. Sewage systems and connections — Systèmes d'égouts et embranchements.....	208,799	238,897	268,953	313,209	336,962
41. Pumping stations, water <sup>10</sup> — Stations de pompage (eau) <sup>10</sup> .....	26,442	27,472	43,281	36,692	39,796
42. Water storage tanks <sup>10</sup> — Réservoirs (eau) <sup>10</sup> .....	7,530	6,742	7,069	6,360	7,750
<b>Dams and irrigation — Barrage et irrigation.....</b>	<b>68,696</b>	<b>58,217</b>	<b>56,288</b>	<b>71,884</b>	<b>66,685</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs.....	34,521	19,749	25,267	32,755	29,094
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres.....	34,175	38,468	31,021	39,129	37,591
<b>Electric power construction — Réseaux électriques.....</b>	<b>1,005,123</b>	<b>1,223,581</b>	<b>1,206,413</b>	<b>1,275,953</b>	<b>1,605,360</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation).....	530,788	629,770	611,065	632,026	943,044
46. Electric transformer stations <sup>12</sup> — Postes de transformation <sup>12</sup> .....	44,916	11,160	13,427	14,221	9,234
47. Power transmission and distribution lines, trolley wires — Lignes de transport de distribution, caténaires.....	402,416	569,019	565,833	610,432	633,979
48. Street lighting — Éclairage (rues).....	27,003	13,632	16,088	19,274	19,103
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques.....</b>	<b>525,305</b>	<b>568,344</b>	<b>615,410</b>	<b>704,521</b>	<b>783,855</b>
49. Railway tracks and roadbeds <sup>10</sup> — Rails et chaussées <sup>10</sup> .....	244,795	256,426	270,068	321,042	354,701
50. Signals and interlockers — Signaux et dispositifs d'enclenchement.....	25,127	29,081	28,976	22,110	26,540
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins.....	255,383	282,837	316,366	361,369	402,614
<b>Gas and oil facilities — Installations de gaz et de pétrole.....</b>	<b>965,993</b>	<b>1,093,631</b>	<b>1,290,014</b>	<b>1,388,936</b>	<b>1,502,465</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz).....	121,575	130,400	88,912	104,325	107,617
53. Pumping stations, oil — Stations de pompage (pétrole).....	7,833	12,415	32,311	22,060	21,874
54. Pumping stations, gas — Stations de pompage (gaz).....	25,688	47,403	14,032	16,044	24,206
55. Oil storage tanks — Réservoirs (pétrole).....	21,004	34,501	31,666	23,415	37,736
56. Gas storage tanks — Réservoirs (gaz).....	7,885	4,841	1,986	4,870	1,539
57. Oil pipe lines — Pipe-lines (pétrole).....	38,836	22,550	27,094	48,821	80,547
58. Gas pipe lines <sup>10</sup> — Pipe-lines (gaz) <sup>10</sup> .....	84,961	77,853	196,755	178,955	101,679
59. Oil and gas wells <sup>10,11</sup> — Puits de pétrole et de gaz <sup>10,11</sup> .....	443,169	431,367	481,303	671,632	777,687
61. Oil refinery — Processing units <sup>10</sup> — Rafineries de pétrole — Installations de traitement <sup>10</sup> .....	129,549	151,818	207,233	200,530	212,359
62. Natural gas processing plants <sup>10</sup> — Usines d'épuration de gaz naturel <sup>10</sup> .....	85,493	180,483	208,722	118,284	137,221
<b>Other engineering construction — Autres travaux de génie.....</b>	<b>768,403</b>	<b>826,526</b>	<b>1,029,542</b>	<b>1,009,916</b>	<b>1,047,727</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs.....	216,303	181,009	200,201	179,871	179,265
64. Tunnels and subways — Tunnels et voies souterraines.....	23,385	47,460	45,244	44,071	31,933
65. Incinerators — Incinérateurs.....	135	5,560	5,178	5,317	4,353
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.....	31,339	19,015	47,859	52,261	59,541
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures.....	2,248	20,584	10,209	14,328	19,745
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains.....	216,431	278,466	236,977	195,601	209,279
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous.....	47,314	43,405	40,294	43,881	46,337
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup> .....	231,248	231,027	443,580	474,586	497,274

**TABLE 7. Total Value of Construction Work Performed - Labour Content and Cost of Materials  
Used by Province, 1971 - 1973<sup>1, 13, 14, 20</sup>**

**TABLEAU 7. Valeur globale des travaux de construction exécutés - Coût de la main-d'oeuvre  
et des matériaux utilisés, par province, 1971 - 1973<sup>1, 13, 14, 20</sup>**

Province and year Province et année	Labour content Main-d'oeuvre		Cost of materials used Coût des matériaux utilisés	Value of work performed Valeur des travaux exécutés
	Number <sup>14</sup> Effectifs <sup>14</sup>	Value Valeur		
			\$'000	
<b>Canada:</b>				
1971 .....	589,430	5,691,392	6,462,858	15,865,334
1972 .....	566,168	6,095,418	6,958,848	17,027,539
1973 .....	555,896	6,463,624	7,355,823	18,057,874
<b>Newfoundland - Terre-Neuve:</b>				
1971 .....	22,598	185,580	214,438	552,762
1972 .....	18,148	163,484	184,060	480,384
1973 .....	14,553	141,996	156,725	414,947
<b>Prince Edward Island - Île-du-Prince-Édouard:</b>				
1971 .....	2,754	20,292	27,584	61,230
1972 .....	2,613	21,125	28,280	63,684
1973 .....	2,801	24,202	33,434	73,230
<b>Nova Scotia - Nouvelle-Écosse:</b>				
1971 .....	19,009	161,750	189,415	452,758
1972 .....	18,445	162,060	193,223	461,145
1973 .....	20,059	190,790	227,727	543,792
<b>New Brunswick - Nouveau-Brunswick:</b>				
1971 .....	17,077	130,730	147,047	351,857
1972 .....	16,426	137,463	159,338	374,745
1973 .....	16,982	154,752	178,755	417,155
<b>Québec:</b>				
1971 .....	136,424	1,221,744	1,373,266	3,411,898
1972 .....	126,746	1,303,005	1,468,526	3,632,526
1973 .....	125,952	1,400,563	1,582,214	3,905,567
<b>Ontario:</b>				
1971 .....	206,856	2,092,294	2,270,153	5,596,904
1972 .....	204,401	2,317,383	2,534,208	6,232,540
1973 .....	196,828	2,409,535	2,608,026	6,458,949
<b>Manitoba:</b>				
1971 .....	27,598	239,630	272,490	671,070
1972 .....	27,004	265,995	300,585	744,946
1973 .....	27,874	297,476	339,488	839,590
<b>Saskatchewan:</b>				
1971 .....	22,166	190,623	221,120	535,154
1972 .....	21,578	203,662	241,683	577,468
1973 .....	21,549	218,877	259,676	619,789
<b>Alberta:</b>				
1971 .....	61,917	627,466	770,584	1,845,946
1972 .....	61,482	667,112	821,478	1,966,100
1973 .....	62,604	736,607	894,642	2,172,678
<b>British Columbia<sup>13</sup> - Colombie-Britannique<sup>13</sup>:</b>				
1971 .....	73,031	821,283	976,761	2,385,755
1972 .....	69,325	854,129	1,027,467	2,494,001
1973 .....	66,694	888,826	1,075,136	2,612,177

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.



TABLE 8. Total Value of Work Performed — Labour Content and Cost of Materials Used by Contractors, Utilities, Governments and Miscellaneous, 1971 - 1973<sup>1,9,14,15,20</sup>

TABLEAU 8. Valeur globale des travaux exécutés — Coût de la main-d'oeuvre et des matériaux utilisés, selon l'activité principale des constructeurs, 1971 - 1973<sup>1,9,14,15,20</sup>

Employer and year — Employeur et année	Labour content — Main-d'oeuvre		Cost of materials used	Value of work performed
	Number <sup>14</sup> — Effectifs <sup>14</sup>	Value — Valeur	Coût des matériaux utilisés	Valeur des travaux exécutés
<b>Total:</b>				
1971 .....	589,430	5,691,392	6,462,858	15,865,334
1972 .....	566,168	6,095,418	6,958,848	17,027,539
1973 .....	555,896	6,463,624	7,355,823	18,057,874
<b>Contractors — Entrepreneurs:</b>				
1971 .....	461,979	4,527,822	5,121,894	12,702,839
1972 .....	438,558	4,796,968	5,490,507	13,541,061
1973 .....	425,132	5,021,622	5,721,455	14,172,161
<b>Utilities<sup>9</sup> — Services d'utilité publique<sup>9</sup>:</b>				
1971 .....	52,204	525,882	721,462	1,588,786
1972 .....	52,052	584,765	792,536	1,749,340
1973 .....	56,003	678,119	922,119	2,036,192
<b>Governments<sup>9</sup> — Gouvernements<sup>9</sup>:</b>				
1971 .....	48,635	399,313	280,685	878,854
1972 .....	49,536	453,897	317,676	986,657
1973 .....	49,428	491,043	343,223	1,066,208
<b>Miscellaneous<sup>9,15</sup> — Divers<sup>9,15</sup>:</b>				
1971 .....	26,612	238,375	338,817	694,855
1972 .....	26,022	259,788	358,129	750,481
1973 .....	25,333	272,840	369,026	783,313

TABLE 9. Total Value of Construction Work Performed — Type of Structure and by New and Repair — Canada, 1971-1973<sup>1,10,11,12,19,20</sup>

TABLÉAU 9. Valeur globale des travaux de construction exécutés — Genre de construction et selon la construction neuve et les réparations — Canada, 1971-1973<sup>1,10,11,12,19,20</sup>

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Construction — Total — Travaux de construction</b>	<b>13,275,731</b>	<b>2,589,603</b>	<b>15,865,334</b>	<b>14,297,293</b>	<b>2,730,246</b>	<b>17,027,539</b>	<b>15,091,819</b>	<b>2,966,055</b>	<b>18,057,874</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>7,757,424</b>	<b>1,609,477</b>	<b>9,366,901</b>	<b>8,404,196</b>	<b>1,701,789</b>	<b>10,105,985</b>	<b>8,556,744</b>	<b>1,841,084</b>	<b>10,397,828</b>
<b>Residential — Habitations</b>	<b>4,025,434</b>	<b>950,512</b>	<b>4,975,946</b>	<b>4,736,117</b>	<b>1,024,280</b>	<b>5,760,397</b>	<b>4,740,000</b>	<b>1,113,294</b>	<b>5,853,294</b>
<b>Industrial — Bâtiments industriels</b>	<b>830,507</b>	<b>192,449</b>	<b>1,022,956</b>	<b>714,828</b>	<b>183,407</b>	<b>898,235</b>	<b>686,666</b>	<b>194,520</b>	<b>881,186</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	569,352	148,373	717,725	533,953	157,755	691,708	581,952	166,122	748,074
3. Mine and mine mill buildings <sup>10</sup> — Mines (bâtiments et usines) <sup>10</sup>	242,985	25,057	268,042	169,456	10,996	180,452	90,260	12,326	102,586
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	12,023	10,897	22,920	6,549	8,899	15,448	8,608	9,617	18,225
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	6,147	8,122	14,269	4,870	5,757	10,627	5,846	6,455	12,301
<b>Commercial — Bâtiments commerciaux</b>	<b>1,186,921</b>	<b>218,162</b>	<b>1,405,083</b>	<b>1,389,982</b>	<b>212,658</b>	<b>1,602,640</b>	<b>1,664,643</b>	<b>232,672</b>	<b>1,897,315</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	71,243	19,675	90,918	91,221	20,263	111,484	101,588	24,119	125,707
7. Grain elevators — Silos à grain	2,800	3,902	6,702	4,834	5,679	10,513	9,608	6,521	16,129
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	149,482	18,297	167,779	138,004	16,473	154,477	184,424	18,128	202,552
9. Office buildings — Édifices à bureaux	514,876	84,190	599,066	590,362	87,030	677,392	680,251	97,237	777,488
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	261,851	44,116	305,967	341,095	41,641	382,736	429,451	40,672	470,123
11. Garages and service stations — Garages et stations-service	75,733	28,227	103,960	90,225	26,602	116,827	112,520	29,241	141,761
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	109,293	18,597	127,890	131,213	14,101	145,314	145,735	15,903	161,638
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	1,643	1,158	2,801	3,028	869	3,897	1,066	851	1,917
<b>Institutional — Édifices institutionnels</b>	<b>1,317,055</b>	<b>138,952</b>	<b>1,456,007</b>	<b>1,146,729</b>	<b>156,417</b>	<b>1,303,146</b>	<b>1,020,582</b>	<b>166,883</b>	<b>1,187,465</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	874,612	77,495	952,107	755,058	88,964	844,022	613,675	93,926	707,601
15. Churches and other religious buildings — Églises et autres édifices religieux	13,623	6,983	20,606	15,144	6,929	22,073	11,716	6,154	17,870
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	263,590	36,082	299,672	227,916	36,712	264,628	260,987	39,810	300,797
17. Other institutional buildings — Autres édifices institutionnels	165,230	18,392	183,622	148,611	23,812	172,423	134,204	26,993	161,197
<b>Other building construction — Autres bâtiments</b>	<b>397,507</b>	<b>109,402</b>	<b>506,909</b>	<b>416,540</b>	<b>125,027</b>	<b>541,567</b>	<b>444,853</b>	<b>133,715</b>	<b>578,568</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	151,245	59,090	210,335	170,738	66,889	237,627	181,638	72,484	254,122
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	47,525	11,192	58,717	49,302	9,976	59,278	74,467	10,566	85,033
20. Aeroplane hangars — Hangars d'avion	29,810	4,313	34,123	10,344	3,524	13,868	4,350	3,641	7,991
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	26,274	3,413	29,687	41,673	5,842	47,515	36,075	6,092	42,167
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	7,529	6,412	13,941	6,552	5,827	12,379	8,132	6,220	14,352
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bûcherons	11,547	3,221	14,768	10,355	3,450	13,805	13,610	3,524	17,134
24. Laboratories <sup>11</sup> — Laboratoires <sup>11</sup>	21,100	4,122	25,222	31,028	2,599	33,627	26,268	2,842	29,110
25. Other building construction <sup>10,11</sup> — Autres bâtiments <sup>10,11</sup>	102,477	17,639	120,116	96,548	26,920	123,468	100,313	28,346	128,659
<b>Engineering construction — Total — Travaux de génie</b>	<b>5,518,307</b>	<b>980,126</b>	<b>6,498,433</b>	<b>5,893,097</b>	<b>1,028,457</b>	<b>6,921,554</b>	<b>6,535,075</b>	<b>1,124,971</b>	<b>7,660,046</b>
<b>Marine construction — Génie maritime</b>	<b>96,073</b>	<b>22,953</b>	<b>119,026</b>	<b>118,654</b>	<b>21,737</b>	<b>140,391</b>	<b>161,208</b>	<b>22,847</b>	<b>184,055</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	40,611	13,373	53,984	57,531	10,542	68,073	82,693	10,802	93,495
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	6,638	519	7,157	10,389	793	11,182	12,850	1,356	14,206
28. Canals and waterways — Canaux et voies navigables	34,737	1,985	36,722	34,604	3,576	38,180	31,441	2,620	34,061
29. Dredging and pile driving — Dragage et battage de pieux	5,075	4,455	9,530	6,446	3,888	10,334	15,508	4,151	19,659
30. Dyke construction — Construction de digues	2,889	376	3,265	3,855	304	4,159	7,831	370	8,201
31. Logging booms — Estacades	618	459	1,077	525	421	946	461	449	910
32. Other marine construction — Autres constructions maritimes	5,505	1,786	7,291	5,304	2,213	7,517	10,424	3,099	13,523

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE 9. Total Value of Construction Work Performed — Type of Structure and by New and Repair — Canada, 1971-1973<sup>1,10,11,12,19,20</sup> — Concluded**

**TABLEAU 9. Valeur globale des travaux de construction exécutés — Genre de construction neuve et les réparations — Canada, 1971-1973<sup>1,10,11,12,19,20</sup> — fin**

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>1,315,990</b>	<b>272,307</b>	<b>1,588,297</b>	<b>1,340,341</b>	<b>277,340</b>	<b>1,617,681</b>	<b>1,393,719</b>	<b>298,614</b>	<b>1,692,333</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) <sup>11</sup> — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage) <sup>11</sup>									
34. Parking lots <sup>11</sup> — Terrains de stationnement <sup>11</sup>	1,250,100	260,152	1,510,252	1,271,010	267,234	1,538,244	1,314,039	287,050	1,601,089
36. Sidewalks, paths — Trottoirs, allées	17,676	2,808	20,484	13,760	2,913	16,673	16,835	3,129	19,964
37. Aerodromes, landing fields, runways, tarmac — Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	17,441	6,287	23,728	19,916	4,285	24,201	19,693	5,050	24,743
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>30,773</b>	<b>3,060</b>	<b>33,833</b>	<b>35,655</b>	<b>2,908</b>	<b>38,563</b>	<b>43,152</b>	<b>3,385</b>	<b>46,537</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux									
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	513,649	79,794	593,443	618,181	94,091	712,272	679,844	97,722	777,566
40. Sewage systems and connections — Systèmes d'égouts et embranchements	94,627	14,599	109,226	141,441	15,682	157,123	164,264	17,481	181,745
41. Pumping stations, water <sup>10</sup> — Stations de pompage (eau) <sup>10</sup>	125,477	39,437	164,914	160,527	38,361	198,888	173,875	37,438	211,313
42. Water storage tanks <sup>10</sup> — Réservoirs (eau) <sup>10</sup>	249,522	19,431	268,953	283,838	29,371	313,209	304,414	32,548	336,962
43. Dams and reservoirs — Barrages et barrages-réservoirs	38,305	4,976	43,281	27,333	9,359	36,692	30,894	8,902	39,796
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	5,718	1,351	7,069	5,042	1,318	6,360	6,397	1,353	7,750
<b>Dams and irrigation — Barrage et irrigation</b>	<b>44,283</b>	<b>12,005</b>	<b>56,288</b>	<b>59,906</b>	<b>11,978</b>	<b>71,884</b>	<b>53,352</b>	<b>13,333</b>	<b>66,685</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)									
46. Electric transformer stations <sup>12</sup> — Postes de transformation <sup>12</sup>	21,856	3,411	25,267	29,970	2,785	32,755	26,352	2,742	29,094
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	22,427	8,594	31,021	29,936	9,193	39,129	27,000	10,591	37,591
48. Street lighting — Eclairage (rues)	1,093,470	112,943	1,206,413	1,165,449	110,504	1,275,953	1,479,533	125,827	1,605,360
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>580,922</b>	<b>30,143</b>	<b>611,065</b>	<b>597,049</b>	<b>34,977</b>	<b>632,026</b>	<b>901,092</b>	<b>41,952</b>	<b>943,044</b>
49. Railway tracks and roadbeds <sup>10</sup> — Rails et chaussées <sup>10</sup>	12,593	834	13,427	13,737	484	14,221	8,626	608	9,234
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	488,399	77,434	565,833	540,805	69,627	610,432	555,119	78,860	633,979
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	11,556	4,532	16,088	13,858	5,416	19,274	14,696	4,407	19,103
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>415,362</b>	<b>200,048</b>	<b>615,410</b>	<b>466,997</b>	<b>237,524</b>	<b>704,521</b>	<b>522,492</b>	<b>261,363</b>	<b>783,855</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	146,234	123,834	270,068	161,075	159,967	321,042	183,429	171,272	354,701
53. Pumping stations, oil — Stations de pompage (pétrole)	11,332	17,644	28,976	9,536	12,574	22,110	12,842	13,698	26,540
54. Pumping stations, gas — Stations de pompage (gaz)	257,796	58,570	316,366	296,386	64,983	361,369	326,221	76,393	402,614
55. Oil storage tanks — Réservoirs (pétrole)									
56. Gas storage tanks — Réservoirs (gaz)	1,128,306	161,708	1,290,014	1,222,137	166,799	1,388,936	1,311,101	191,364	1,502,465
57. Oil pipe lines — Pipe-lines (pétrole)	77,621	11,291	88,912	92,632	11,693	104,325	94,636	12,981	107,617
58. Gas pipe lines <sup>10</sup> — Pipe-lines (gaz) <sup>10</sup>	28,630	3,681	32,311	19,331	2,729	22,060	18,622	3,252	21,874
59. Oil and gas wells <sup>10,11</sup> — Puits de pétrole et de gaz <sup>10,11</sup>	13,182	850	14,032	14,162	1,882	16,044	22,516	1,690	24,206
60. Oil refinery — Processing units <sup>10</sup> — Rafineries de pétrole — Installations de traitement <sup>10</sup>	27,897	3,769	31,666	19,066	4,349	23,415	33,146	4,590	37,736
61. Natural gas processing plants <sup>10</sup> — Usines de séparation de gaz naturel <sup>10</sup>	1,841	145	1,986	4,657	213	4,870	1,289	250	1,539
62. Other engineering construction — Autres travaux de génie	20,314	6,780	27,094	44,073	4,748	48,821	73,050	7,497	80,547
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	195,487	1,268	196,755	177,785	1,170	178,955	100,778	901	101,679
64. Tunnels and subways — Tunnels et voies souterraines	419,311	61,992	481,303	607,172	64,460	671,632	699,465	78,222	777,687
65. Incinerators — Incinérateurs	163,405	43,828	207,233	155,287	45,243	200,530	163,702	48,657	212,359
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	180,618	28,104	208,722	87,972	30,312	118,284	103,897	33,324	137,221
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	911,174	118,368	1,029,542	901,432	108,484	1,009,916	933,826	113,901	1,047,727
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	159,650	40,551	200,201	142,645	37,226	179,871	142,124	37,141	179,265
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	43,800	1,444	45,244	43,465	606	44,071	31,633	300	31,933
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	4,382	796	5,178	4,489	828	5,317	3,444	909	4,353
	36,182	11,677	47,859	43,161	9,100	52,261	47,085	12,456	59,541
	7,948	2,261	10,209	12,476	1,852	14,328	18,485	1,260	19,745
	232,091	4,886	236,977	192,899	2,702	195,601	206,925	2,354	209,279
	27,530	12,764	40,294	30,690	13,191	43,881	32,023	14,314	46,337
	399,591	43,989	443,580	431,607	42,979	474,586	452,107	45,167	497,274



TABLE 10. Total Value of Construction Work Performed - New and Repair by Type of Structure by  
Primary Industries, 1971 - 1973<sup>1,7,10,11,16,17</sup>

TABLEAU 10. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Industries primaires, 1971 - 1973<sup>1,7,10,11,16,17</sup>

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
	\$'000								
<b>Construction - Total - Travaux de construction</b>	<b>1,604,426</b>	<b>263,230</b>	<b>1,867,656</b>	<b>1,494,638</b>	<b>269,750</b>	<b>1,764,388</b>	<b>1,523,934</b>	<b>298,011</b>	<b>1,821,945</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>482,317</b>	<b>101,611</b>	<b>583,928</b>	<b>384,251</b>	<b>104,917</b>	<b>489,168</b>	<b>308,354</b>	<b>112,615</b>	<b>420,969</b>
<b>Residential - Habitations</b>	-	-	-	-	-	-	-	-	-
<b>Industrial - Bâtiments industriels</b>	<b>265,466</b>	<b>30,282</b>	<b>295,748</b>	<b>174,419</b>	<b>15,306</b>	<b>189,725</b>	<b>95,601</b>	<b>17,117</b>	<b>112,718</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	22,893	5,321	28,214	5,924	4,973	10,897	7,020	5,603	12,623
3. Mine and mine mill buildings <sup>10</sup> - Mines (bâtiments et usines) <sup>10</sup>	242,573	24,961	267,534	168,495	10,333	178,828	88,581	11,514	100,095
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	-	-	-	-	-	-	-	-	-
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	-	-	-	-	-	-	-	-	-
<b>Commercial - Bâtiments commerciaux</b>	<b>23,570</b>	<b>6,371</b>	<b>29,941</b>	<b>19,633</b>	<b>6,148</b>	<b>25,781</b>	<b>16,615</b>	<b>6,419</b>	<b>23,034</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigorifiques, etc.	6,597	2,903	9,500	6,422	2,893	9,315	7,095	2,952	10,047
7. Grain elevators - Silos à grain	-	-	-	-	-	-	-	-	-
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	-	5	5	-	2	2	-	2	2
9. Office buildings - Édifices à bureaux	12,911	2,210	15,121	11,426	2,176	13,602	7,276	2,254	9,530
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	-	1	1	-	-	-	-	-	-
11. Garages and service stations - Garages et stations-service	3,605	1,071	4,676	1,665	926	2,591	2,212	1,058	3,270
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, établissements récréatifs	457	181	638	120	150	270	32	153	185
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de nettoyage à sec	-	-	-	-	1	1	-	-	-
<b>Institutional - Édifices institutionnels</b>	<b>33</b>	<b>172</b>	<b>205</b>	<b>13</b>	<b>147</b>	<b>160</b>	<b>1</b>	<b>155</b>	<b>156</b>
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	-	145	145	2	125	127	1	131	132
15. Churches and other religious buildings - Églises et autres édifices religieux	-	-	-	-	-	-	-	-	-
16. Hospitals, sanatoria, clinics, first-aid stations, etc. - Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	33	27	60	11	22	33	-	24	24
17. Other institutional buildings - Autres édifices institutionnels	-	-	-	-	-	-	-	-	-
<b>Other building construction - Autres bâtiments</b>	<b>193,248</b>	<b>64,786</b>	<b>258,034</b>	<b>190,186</b>	<b>83,316</b>	<b>273,502</b>	<b>196,137</b>	<b>88,924</b>	<b>285,061</b>
18. Farm buildings (excluding dwellings) - Bâtiments de ferme (à l'exception des logements)	147,632	58,421	206,053	166,870	66,333	233,203	178,376	71,906	250,282
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	-	46	46	-	8	8	3	8	11
20. Aeroplane hangars - Hangars d'avion	-	-	-	-	-	-	-	-	-
21. Passenger terminals, bus, boat or air - Gares routières, aéroports, gares maritimes	-	-	-	-	-	-	-	-	-
22. Armouries, barracks, drill halls, etc. - Manèges militaires, casernes, salles d'exercice, etc.	-	13	13	-	-	-	-	-	-
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dépôts et camps de bûcherons	9,987	2,710	12,697	6,929	2,638	9,567	7,946	2,758	10,704
24. Laboratories - Laboratoires	-	-	-	-	-	-	-	4	4
25. Other building construction <sup>10</sup> - Autres bâtiments <sup>10</sup>	35,629	3,596	39,225	16,387	14,337	30,724	9,812	14,248	24,060
<b>Engineering construction - Total - Travaux de génie</b>	<b>1,122,109</b>	<b>161,619</b>	<b>1,283,728</b>	<b>1,110,387</b>	<b>164,833</b>	<b>1,275,220</b>	<b>1,215,580</b>	<b>185,396</b>	<b>1,400,976</b>
<b>Marine construction - Génie maritime</b>	<b>5,173</b>	<b>1,554</b>	<b>6,727</b>	<b>1,973</b>	<b>1,233</b>	<b>3,206</b>	<b>1,748</b>	<b>1,217</b>	<b>2,965</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	4,483	882	5,365	1,333	645	1,978	1,141	549	1,690
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	-	6	6	-	5	5	-	10	10
28. Canals and waterways - Canaux et voies navigables	7	39	46	95	67	162	90	38	128
29. Dredging and pile driving - Dragage et battage de pieux	31	44	75	29	87	116	50	187	237
30. Dyke construction - Construction de digues	-	6	6	-	7	7	-	26	26
31. Logging booms - Estacades	575	403	978	516	364	880	417	393	810
32. Other marine construction - Autres constructions maritimes	77	174	251	-	58	58	50	14	64

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.

**TABLE 10. Total Value of Construction Work Performed — New and Repair by Type of Structure by Primary Industries, 1971-1973<sup>1,7,10,11,16,17</sup> — Concluded**

**TABLEAU 10. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction — Industries primaires, 1971-1973<sup>1,7,10,11,16,17</sup> — fin**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>57,038</b>	<b>16,040</b>	<b>73,078</b>	<b>49,294</b>	<b>17,699</b>	<b>66,993</b>	<b>65,191</b>	<b>18,801</b>	<b>83,992</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassément, nivellement, épandage d'huile et remblayage)	56,913	15,766	72,679	49,266	17,670	66,936	65,133	18,801	83,934
34. Parking lots — Terrains de stationnement	125	263	388	28	—	28	38	—	38
36. Sidewalks, paths — Trottoirs, allées	—	—	—	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac — Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement	—	11	11	—	29	29	20	—	20
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>44,965</b>	<b>14,651</b>	<b>59,616</b>	<b>42,163</b>	<b>16,493</b>	<b>58,656</b>	<b>43,335</b>	<b>17,605</b>	<b>60,940</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	16,242	6,332	22,574	18,132	7,178	25,310	19,296	7,775	27,071
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	21,836	6,842	28,678	20,805	7,707	28,512	20,718	8,225	28,943
40. Sewage systems and connections — Systèmes d'égouts et embranchements	735	82	817	351	81	432	300	69	369
41. Pumping stations, water <sup>10</sup> — Stations de pompage (eau) <sup>10</sup>	2,911	364	3,275	224	371	595	210	315	525
42. Water storage tanks <sup>10</sup> — Réservoirs (eau) <sup>10</sup>	3,241	1,031	4,272	2,651	1,156	3,807	2,811	1,221	4,032
<b>Dams and irrigation — Barrage et irrigation</b>	<b>18,224</b>	<b>7,200</b>	<b>25,424</b>	<b>20,541</b>	<b>8,165</b>	<b>28,706</b>	<b>21,957</b>	<b>8,855</b>	<b>30,812</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	43	11	54	4	1	5	4	6	10
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	18,181	7,189	25,370	20,537	8,164	28,701	21,953	8,849	30,802
<b>Electric power construction — Réseaux électriques</b>	<b>13,046</b>	<b>784</b>	<b>13,830</b>	<b>3,378</b>	<b>749</b>	<b>4,127</b>	<b>803</b>	<b>636</b>	<b>1,439</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	2,118	321	2,439	1,291	353	1,644	209	303	512
46. Electric transformer stations — Postes de transformation	—	2	2	—	—	—	—	—	—
47. Power transmission and distribution lines, trolley wires <sup>10</sup> — Lignes de transport et de distribution, caténaires <sup>10</sup>	10,928	461	11,389	2,087	395	2,482	594	332	926
48. Street lighting — Éclairage (rues)	—	—	—	—	1	1	—	1	1
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>225</b>	<b>1,702</b>	<b>1,927</b>	<b>237</b>	<b>1,054</b>	<b>1,291</b>	<b>168</b>	<b>1,124</b>	<b>1,292</b>
49. Railway tracks and roadbeds <sup>10</sup> — Rails et chaussées <sup>10</sup>	197	1,650	1,847	214	1,022	1,236	143	1,090	1,233
50. Signals and interlockers — Signaux et dispositifs d'enclanchement	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	28	52	80	23	32	55	25	34	59
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>598,426</b>	<b>89,955</b>	<b>688,381</b>	<b>692,683</b>	<b>94,724</b>	<b>787,407</b>	<b>801,877</b>	<b>111,498</b>	<b>913,375</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil — Stations de pompage (pétrole)	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas — Stations de pompage (gaz)	—	—	—	—	—	—	—	—	—
55. Oil storage tanks — Réservoirs (pétrole)	—	—	—	3	—	3	—	—	—
56. Gas storage tanks — Réservoirs (gaz)	—	—	—	—	—	—	—	—	—
57. Oil pipe lines — Pipe-lines (pétrole)	—	—	—	—	—	—	—	—	—
58. Gas pipe lines — Pipe-lines (gaz)	—	—	—	—	—	—	—	—	—
59. Oil and gas wells <sup>7,10</sup> — Puits de pétrole et de gaz <sup>7,10</sup>	417,826	61,858	479,684	605,213	64,433	669,646	698,043	78,196	776,239
61. Oil refinery — Processing units — Raffineries de pétrole — Installations de traitement	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants <sup>7,10</sup> — Usines d'épuration de gaz naturel <sup>7,10</sup>	180,600	28,097	208,697	87,467	30,291	117,758	103,834	33,302	137,136
<b>Other engineering construction — Autres travaux de génie</b>	<b>385,012</b>	<b>29,733</b>	<b>414,745</b>	<b>300,118</b>	<b>24,716</b>	<b>324,834</b>	<b>280,501</b>	<b>25,660</b>	<b>306,161</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	531	171	702	705	250	955	1,359	487	1,846
64. Tunnels and subways — Tunnels et voies souterraines	—	—	—	—	—	—	—	—	—
65. Incinerators — Incinérateurs	—	—	—	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	4	7	11	—	24	24	—	23	23
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	—	—	—	—	—	—	35	—	35
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	232,091	4,886	236,977	192,899	2,702	195,601	206,925	2,354	209,279
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	22,756	9,012	31,768	25,697	10,230	35,927	27,466	11,086	38,552
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	129,630	15,657	145,287	80,817	11,510	92,327	44,716	11,710	56,426

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.



**TABLE 11. Total Value of Construction Work Performed — New and Repair by Type of Structure by Manufacturing Industry, 1971-1973<sup>1,10,11</sup>**

**TABLEAU 11. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction — Industries manufacturières, 1971-1973<sup>1,10,11</sup>**

Type of structure Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Construction — Total — Travaux de construction</b>	<b>873,559</b>	<b>207,929</b>	<b>1,081,488</b>	<b>785,634</b>	<b>220,125</b>	<b>1,005,759</b>	<b>888,418</b>	<b>233,627</b>	<b>1,122,045</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>553,739</b>	<b>139,097</b>	<b>692,836</b>	<b>503,354</b>	<b>150,366</b>	<b>653,720</b>	<b>518,983</b>	<b>158,990</b>	<b>677,973</b>
<b>Residential — Habitations</b>	—	—	—	—	—	—	—	—	—
<b>Industrial — Bâtiments industriels</b>	<b>508,806</b>	<b>131,530</b>	<b>640,336</b>	<b>468,511</b>	<b>143,801</b>	<b>612,312</b>	<b>481,209</b>	<b>151,516</b>	<b>632,725</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	508,441	131,438	639,879	467,020	143,116	610,136	479,170	150,705	629,875
3. Mine and mine mill buildings — Mines (bâtiments et usines)	352	79	431	961	662	1,623	1,649	811	2,460
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	—	13	13	15	6	21	40	—	40
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	13	—	13	515	17	532	350	—	350
<b>Commercial — Bâtiments commerciaux</b>	<b>40,858</b>	<b>6,361</b>	<b>47,219</b>	<b>32,358</b>	<b>5,562</b>	<b>37,920</b>	<b>36,068</b>	<b>6,539</b>	<b>42,607</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	20,212	2,197	22,409	16,556	1,521	18,077	16,500	2,328	18,828
7. Grain elevators — Silos à grain	211	10	221	—	7	7	60	7	67
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	205	81	286	25	65	90	165	135	300
9. Office buildings — Édifices à bureaux	15,683	3,768	19,451	11,511	3,808	15,319	13,250	3,891	17,141
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	1,839	201	2,040	1,754	36	1,790	2,024	49	2,073
11. Garages and service stations — Garages et stations-service	2,669	90	2,759	2,500	120	2,620	4,057	124	4,181
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	39	14	53	12	5	17	12	5	17
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	—	—	—	—	—	—	—	—	—
<b>Institutional — Édifices institutionnels</b>	<b>67</b>	<b>12</b>	<b>79</b>	<b>5</b>	<b>51</b>	<b>56</b>	<b>15</b>	<b>14</b>	<b>29</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings — Églises et autres édifices religieux	—	4	4	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	67	7	74	5	13	18	15	13	28
17. Other institutional buildings — Autres édifices institutionnels	—	1	1	—	38	38	—	1	1
<b>Other building construction — Autres bâtiments</b>	<b>4,008</b>	<b>1,194</b>	<b>5,202</b>	<b>2,480</b>	<b>952</b>	<b>3,432</b>	<b>1,691</b>	<b>921</b>	<b>2,612</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	1,027	77	1,104	155	115	270	102	95	197
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	—	—	—	—	1	1	—	—	—
20. Aeroplane hangars — Hangars d'avion	164	248	412	183	106	289	—	109	109
21. Passenger terminals, bus, boat or air — Gares routières, aéro-gares, gares maritimes	—	1	1	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	—	—	—	—	—	—	—	189	189
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bucherons	97	329	426	171	518	689	474	305	779
24. Laboratories — Laboratoires	2,119	388	2,507	963	140	1,103	767	173	940
25. Other building construction — Autres bâtiments	601	151	752	1,008	72	1,080	348	50	398
<b>Engineering construction — Total — Travaux de génie</b>	<b>319,820</b>	<b>68,832</b>	<b>388,652</b>	<b>282,280</b>	<b>69,759</b>	<b>352,039</b>	<b>369,435</b>	<b>74,637</b>	<b>444,072</b>
<b>Marine construction — Génie maritime</b>	<b>3,619</b>	<b>2,180</b>	<b>5,799</b>	<b>7,748</b>	<b>2,065</b>	<b>9,813</b>	<b>4,502</b>	<b>2,003</b>	<b>6,505</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	2,838	1,409	4,247	7,404	986	8,390	3,955	932	4,887
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	56	2	58	5	51	56	60	98	158
28. Canals and waterways — Canaux et voies navigables	—	30	30	—	—	—	—	3	3
29. Dredging and pile driving — Dragage et battage de pieux	33	519	552	128	722	850	10	702	712
30. Dyke construction — Construction de digues	437	92	529	126	39	165	235	5	240
31. Logging booms — Estacades	43	56	99	9	57	66	44	56	100
32. Other marine construction — Autres constructions maritimes	212	72	284	76	210	286	198	207	405

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.



TABLE 11. Total Value of Construction Work Performed—New and Repair by Type of Structure by Manufacturing Industry, 1971-1973<sup>1,10,11</sup>—Concluded

TABLEAU 11. Valeur globale des travaux de construction exécutés—Construction neuve et réparations selon le genre de construction—Industries manufacturières, 1971-1973<sup>1,10,11</sup>—fin

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>8,632</b>	<b>4,031</b>	<b>12,663</b>	<b>5,600</b>	<b>3,695</b>	<b>9,295</b>	<b>6,775</b>	<b>3,777</b>	<b>10,552</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	6,759	3,322	10,081	3,974	2,782	6,756	4,847	3,034	7,881
34. Parking lots — Terrains de stationnement	1,789	681	2,470	1,592	871	2,463	1,786	720	2,506
36. Sidewalks, paths — Trottoirs, allées	79	28	107	33	15	48	142	8	150
37. Aerodromes, landing fields, runways, tarmac — Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	5	—	5	1	27	28	—	15	15
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>17,172</b>	<b>2,269</b>	<b>19,441</b>	<b>16,356</b>	<b>2,426</b>	<b>18,782</b>	<b>11,383</b>	<b>2,774</b>	<b>14,157</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	2,690	111	2,801	1,127	145	1,272	1,749	182	1,931
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	2,723	473	3,196	2,805	1,036	3,841	2,814	1,047	3,861
40. Sewage systems and connections — Systèmes d'égouts et embranchements	7,763	825	8,588	10,258	605	10,863	4,913	883	5,796
41. Pumping stations, water — Stations de pompage (eau)	3,563	779	4,342	1,975	606	2,581	1,803	625	2,428
42. Water storage tanks — Réservoirs (eau)	433	81	514	191	34	225	104	37	141
<b>Dams and irrigation — Barrage et irrigation</b>	<b>943</b>	<b>105</b>	<b>1,048</b>	<b>87</b>	<b>83</b>	<b>170</b>	<b>83</b>	<b>43</b>	<b>126</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	925	105	1,030	87	81	168	83	42	125
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	18	—	18	—	2	2	—	1	1
<b>Electric power construction — Réseaux électriques</b>	<b>7,444</b>	<b>2,584</b>	<b>10,028</b>	<b>2,843</b>	<b>2,171</b>	<b>5,014</b>	<b>6,039</b>	<b>2,504</b>	<b>8,543</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	3,438	1,286	4,724	549	1,226	1,775	2,589	1,368	3,957
46. Electric transformer stations — Postes de transformation	2,403	686	3,089	955	415	1,370	2,922	541	3,463
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	1,542	551	2,093	1,275	481	1,756	498	530	1,028
48. Street lighting — Éclairage (rues)	61	61	122	64	49	113	30	65	95
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>1,737</b>	<b>1,152</b>	<b>2,889</b>	<b>1,042</b>	<b>1,219</b>	<b>2,261</b>	<b>2,133</b>	<b>1,218</b>	<b>3,351</b>
49. Railway tracks and roadbeds — Rails et chaussées	1,733	1,127	2,860	1,019	1,184	2,203	2,072	1,180	3,252
50. Signals and interlockers — Signaux et dispositifs d'enclanchement	2	—	2	23	13	36	60	17	77
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	2	25	27	—	22	22	1	21	22
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>184,081</b>	<b>49,707</b>	<b>233,788</b>	<b>165,427</b>	<b>48,319</b>	<b>213,746</b>	<b>180,082</b>	<b>51,897</b>	<b>231,979</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	702	780	1,482	77	608	685	132	643	775
53. Pumping stations, oil — Stations de pompage (pétrole)	35	43	78	35	5	40	211	9	220
54. Pumping stations, gas — Stations de pompage (gaz)	—	5	5	—	2	2	—	4	4
55. Oil storage tanks — Réservoirs (pétrole)	17,513	2,660	20,173	8,296	2,228	10,524	15,146	2,368	17,514
56. Gas storage tanks — Réservoirs (gaz)	54	3	57	150	2	152	61	1	62
57. Oil pipe lines — Pipe-lines (pétrole)	1,183	2,341	3,524	1,554	189	1,743	827	181	1,008
58. Gas pipe lines — Pipe-lines (gaz)	1,171	37	1,208	5	35	40	—	34	34
59. Oil and gas wells — Puits de pétrole et de gaz	18	10	28	12	7	19	—	—	—
61. Oil refinery — Processing units <sup>10</sup> — Raffineries de pétrole — Installations de traitement <sup>10</sup>	163,405	43,828	207,233	155,287	45,243	200,530	163,702	48,657	212,359
62. Natural gas processing plants — Usines d'épuration de gaz naturel	—	—	—	11	—	11	3	—	3
<b>Other engineering construction — Autres travaux de génie</b>	<b>96,192</b>	<b>6,804</b>	<b>102,996</b>	<b>83,177</b>	<b>9,781</b>	<b>92,958</b>	<b>158,438</b>	<b>10,421</b>	<b>168,859</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	68	59	127	45	121	166	204	79	283
64. Tunnels and subways — Tunnels et voies souterraines	217	1	218	2	—	2	55	—	55
65. Incinerators — Incinérateurs	48	60	108	745	—	745	453	—	453
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	121	208	329	213	218	431	234	224	458
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	—	10	10	16	11	27	63	11	74
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	1,262	178	1,440	159	227	386	211	311	522
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	94,476	6,288	100,764	81,997	9,204	91,201	157,218	9,796	167,014

TABLE 12. Total Value of Construction Work Performed — New and Repair by Type of Structure by Utilities,  
1971 - 1973<sup>1,6,10,11,12,18</sup>

TABLEAU 12. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Services d'utilité publique, 1971 - 1973<sup>1,6,10,11,12,18</sup>

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Construction — Total — Travaux de construction</b>	<b>2,228,154</b>	<b>392,500</b>	<b>2,620,654</b>	<b>2,389,049</b>	<b>430,754</b>	<b>2,819,803</b>	<b>2,736,990</b>	<b>479,347</b>	<b>3,216,337</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>156,002</b>	<b>51,464</b>	<b>207,466</b>	<b>163,963</b>	<b>55,544</b>	<b>219,507</b>	<b>190,113</b>	<b>60,802</b>	<b>250,915</b>
<b>Residential — Habitations</b>	—	—	—	—	—	—	—	—	—
<b>Industrial — Bâtiments industriels</b>	<b>19,313</b>	<b>19,795</b>	<b>39,108</b>	<b>12,895</b>	<b>15,184</b>	<b>28,079</b>	<b>19,967</b>	<b>16,656</b>	<b>36,623</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	1,143	781	1,924	2,006	550	2,556	5,873	583	6,456
3. Mine and mine mill buildings — Mines (bâtiments et usines)	33	17	50	—	1	1	30	1	31
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	12,003	10,875	22,878	6,534	8,893	15,427	8,568	9,617	18,185
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	6,134	8,122	14,256	4,355	5,740	10,095	5,496	6,455	11,951
<b>Commercial — Bâtiments commerciaux</b>	<b>46,133</b>	<b>12,917</b>	<b>59,050</b>	<b>49,164</b>	<b>20,428</b>	<b>69,592</b>	<b>51,959</b>	<b>23,255</b>	<b>75,214</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	8,801	3,317	12,118	22,496	3,608	26,104	12,403	4,000	16,403
7. Grain elevators — Silos à grain	2,589	3,892	6,481	4,834	5,672	10,506	9,548	6,514	16,062
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	1,417	37	1,454	—	8	8	—	11	11
9. Office buildings — Édifices à bureaux	26,002	3,586	29,588	16,753	8,584	25,337	22,112	9,626	31,738
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	—	4	4	253	3	256	—	11	11
11. Garages and service stations — Garages et stations-service	7,200	2,015	9,215	4,828	2,553	7,381	7,896	3,093	10,989
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	—	—	—	—	—	—	—	—	—
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	124	66	190	—	—	—	—	—	—
<b>Institutional — Édifices institutionnels</b>	<b>—</b>	<b>9</b>	<b>9</b>	<b>—</b>	<b>184</b>	<b>184</b>	<b>—</b>	<b>190</b>	<b>190</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	—	—	—	—	—	—	—	—	—
15. Churches and other religious buildings — Églises et autres édifices religieux	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	—	5	5	—	—	—	—	—	—
17. Other institutional buildings — Autres édifices institutionnels	—	4	4	—	184	184	—	190	190
<b>Other building construction — Autres bâtiments</b>	<b>90,556</b>	<b>18,743</b>	<b>109,299</b>	<b>101,904</b>	<b>19,748</b>	<b>121,652</b>	<b>118,187</b>	<b>20,701</b>	<b>138,888</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	—	—	—	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	47,044	10,866	57,910	48,771	9,723	58,494	73,806	10,292	84,098
20. Aeroplane hangars — Hangars d'avion	27,774	2,304	30,078	7,467	1,868	9,335	1,899	1,927	3,826
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	3,399	3,029	6,428	14,594	5,518	20,112	7,635	5,729	13,364
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bucherons	261	45	306	800	123	923	3,240	261	3,501
24. Laboratories — Laboratoires	—	—	—	—	—	—	—	—	—
25. Other building construction — Autres bâtiments	12,078	2,499	14,577	30,272	2,516	32,788	31,607	2,492	34,099
<b>Engineering construction — Total — Travaux de génie</b>	<b>2,072,152</b>	<b>341,036</b>	<b>2,413,188</b>	<b>2,225,086</b>	<b>375,210</b>	<b>2,600,296</b>	<b>2,546,877</b>	<b>418,545</b>	<b>2,965,422</b>
<b>Marine construction — Génie maritime</b>	<b>29,392</b>	<b>5,584</b>	<b>34,976</b>	<b>28,416</b>	<b>5,684</b>	<b>34,100</b>	<b>65,649</b>	<b>5,985</b>	<b>71,634</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brises-lames	10,834	3,627	14,461	11,042	3,060	14,102	43,115	3,068	46,183
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	—	39	39	400	95	495	—	45	45
28. Canals and waterways — Canaux et voies navigables	16,033	713	16,746	13,914	1,266	15,180	7,431	693	8,124
29. Dredging and pile driving — Dragage et battage de pieux	—	376	376	1,040	43	1,083	9,120	42	9,162
30. Dyke construction — Construction de digues	—	—	—	—	1	1	—	1	1
31. Logging booms — Estacades	—	—	—	—	—	—	—	—	—
32. Other marine construction — Autres constructions maritimes	2,525	829	3,354	2,020	1,219	3,239	5,983	2,136	8,119

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.



**TABLE 12. Total Value of Construction Work Performed — New and Repair by Type of Structure by Utilities,  
1971-1973<sup>1,6,10,11,12,18</sup> — Concluded**

**TABLEAU 12. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Services d'utilité publique, 1971-1973<sup>1,6,10,11,12,18</sup> — fin**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction — Travaux routiers et aérodomes</b>	<b>8,061</b>	<b>701</b>	<b>8,762</b>	<b>4,395</b>	<b>1,541</b>	<b>5,936</b>	<b>3,815</b>	<b>2,024</b>	<b>5,839</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassément, nivellement, épandage d'huile et remblayage)	2,802	558	3,360	3,053	1,506	4,559	3,505	2,006	5,511
34. Parking lots — Terrains de stationnement	5,121	30	5,151	1,310	35	1,345	300	18	318
36. Sidewalks, paths — Trottoirs, allées	—	7	7	—	—	—	—	—	—
37. Aerodromes, landing fields, runways, tarmac — Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	138	106	244	32	—	32	10	—	10
<b>Waterworks<sup>6</sup> and sewage systems — Canalisations<sup>6</sup> et systèmes d'égouts</b>	<b>54,532</b>	<b>501</b>	<b>55,033</b>	<b>1,009</b>	<b>358</b>	<b>1,367</b>	<b>5,236</b>	<b>352</b>	<b>5,588</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	192	40	232	12	38	50	10	46	56
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	18,142	321	18,463	707	260	967	2,283	238	2,521
40. Sewage systems and connections — Systèmes d'égouts et embranchements	28,060	13	28,073	101	3	104	2,006	3	2,009
41. Pumping stations, water — Stations de pompage (eau)	8,052	126	8,178	175	56	231	937	64	1,001
42. Water storage tanks — Réservoirs (eau)	86	1	87	14	1	15	—	1	1
<b>Dams and irrigation — Barrage et irrigation</b>	<b>2,873</b>	<b>13</b>	<b>2,886</b>	<b>288</b>	<b>17</b>	<b>305</b>	<b>153</b>	<b>19</b>	<b>172</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	2,873	13	2,886	288	15	303	153	17	170
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	—	—	—	—	2	2	—	2	2
<b>Electric power construction — Réseaux électriques</b>	<b>1,046,244</b>	<b>102,193</b>	<b>1,148,437</b>	<b>1,126,387</b>	<b>99,672</b>	<b>1,226,059</b>	<b>1,446,172</b>	<b>115,744</b>	<b>1,561,916</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	572,346	26,453	598,799	591,636	31,567	623,203	895,228	38,292	933,520
46. Electric transformer stations <sup>12</sup> — Postes de transformation <sup>12</sup>	597	75	672	198	29	227	278	26	304
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	472,588	75,439	548,027	533,678	67,896	601,574	549,280	77,090	626,370
48. Street lighting — Éclairage (rues)	713	226	939	875	180	1,055	1,386	336	1,722
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>407,560</b>	<b>197,117</b>	<b>604,677</b>	<b>464,773</b>	<b>235,241</b>	<b>700,014</b>	<b>519,574</b>	<b>256,104</b>	<b>775,678</b>
49. Railway tracks and roadbeds — Rails et chaussées	140,284	121,047	261,331	159,609	157,761	317,370	180,947	169,002	349,949
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	11,330	17,644	28,974	9,513	12,561	22,074	12,782	13,681	26,463
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	255,946	58,426	314,372	295,651	64,919	360,570	325,845	73,421	399,266
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>339,613</b>	<b>20,986</b>	<b>360,599</b>	<b>528,786</b>	<b>22,138</b>	<b>550,924</b>	<b>317,521</b>	<b>26,063</b>	<b>343,584</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	76,870	10,511	87,381	92,555	11,085	103,640	94,504	12,338	106,842
53. Pumping stations, oil — Stations de pompage (pétrole)	28,595	3,638	32,233	19,291	2,724	22,015	18,368	3,243	21,611
54. Pumping stations, gas — Stations de pompage (gaz)	13,182	784	13,966	14,162	1,880	16,042	22,516	1,686	24,202
55. Oil storage tanks — Réservoirs (pétrole)	4,582	110	4,692	5,133	521	5,654	6,880	417	7,297
56. Gas storage tanks — Réservoirs (gaz)	1,588	142	1,730	4,405	193	4,598	1,101	148	1,249
57. Oil pipe lines — Pipe-lines (pétrole)	18,995	4,439	23,434	42,519	4,559	47,078	71,892	7,316	79,208
58. Gas pipe lines <sup>10</sup> — Pipe-lines (gaz) <sup>10</sup>	194,316	1,231	195,547	348,280	1,135	349,415	100,778	867	101,645
59. Oil and gas wells — Puits de pétrole et de gaz	1,467	124	1,591	1,947	20	1,967	1,422	26	1,448
61. Oil refinery — Processing units — Rafineries de pétrole — Installations de traitement	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants — Usines d'épuration de gaz naturel	18	7	25	494	21	515	60	22	82
<b>Other engineering construction — Autres travaux de génie</b>	<b>183,877</b>	<b>13,941</b>	<b>197,818</b>	<b>71,032</b>	<b>10,559</b>	<b>81,591</b>	<b>188,757</b>	<b>12,254</b>	<b>201,011</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	15,970	9,077	25,047	7,495	6,583	14,078	8,636	8,028	16,664
64. Tunnels and subways — Tunnels et voies souterraines	37,181	828	38,009	35,546	91	35,637	20,486	186	20,672
65. Incinerators — Incinérateurs	4	—	4	18	—	18	—	7	7
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	106	—	106	13	49	62	4	51	55
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	—	—	—	—	—	—	55	—	55
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	1,558	2,024	3,582	1,293	1,454	2,747	1,895	1,580	3,475
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	129,058	2,012	131,070	26,667	2,382	29,049	157,681	2,402	160,083



TABLE 13. Total Value of Construction Work Performed — New and Repair by Type of Structure by Trade Finance and Commercial Services, 1971-1973<sup>1,11,19</sup>

TABLEAU 13. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction — Commerce, finances et services commerciaux, 1971-1973<sup>1,11,19</sup>

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
	\$'000								
<b>Construction — Total — Travaux de construction</b>	<b>901,954</b>	<b>135,248</b>	<b>1,037,202</b>	<b>1,149,775</b>	<b>129,204</b>	<b>1,278,979</b>	<b>1,423,222</b>	<b>140,024</b>	<b>1,563,246</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>875,818</b>	<b>132,326</b>	<b>1,008,144</b>	<b>1,061,729</b>	<b>125,989</b>	<b>1,187,718</b>	<b>1,323,956</b>	<b>136,825</b>	<b>1,460,781</b>
<b>Residential — Habitations</b>	—	—	—	—	—	—	—	—	—
<b>Industrial — Bâtiments industriels</b>	<b>19,733</b>	<b>2,164</b>	<b>21,897</b>	<b>49,158</b>	<b>2,055</b>	<b>51,213</b>	<b>78,085</b>	<b>1,683</b>	<b>79,768</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	19,686	2,162	21,848	49,158	2,055	51,213	78,085	1,683	79,768
3. Mine and mine mill buildings — Mines (bâtiments et usines)	27	—	27	—	—	—	—	—	—
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	20	2	22	—	—	—	—	—	—
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	—	—	—	—	—	—	—	—	—
<b>Commercial — Bâtiments commerciaux</b>	<b>848,100</b>	<b>129,634</b>	<b>977,734</b>	<b>1,001,982</b>	<b>123,170</b>	<b>1,125,152</b>	<b>1,237,237</b>	<b>134,438</b>	<b>1,371,675</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	30,302	7,311	37,613	36,423	6,900	43,323	56,086	9,599	65,685
7. Grain elevators — Silos à grain	—	—	—	—	—	—	—	—	—
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	142,128	16,088	158,216	133,498	14,536	148,034	179,939	16,062	196,001
9. Office buildings — Édifices à bureaux	314,223	33,683	347,906	380,023	34,558	414,581	437,051	40,424	477,475
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	258,339	42,210	300,549	337,474	41,169	378,643	425,525	40,136	465,661
11. Garages and service stations — Garages et stations-service	52,092	21,210	73,302	64,181	20,486	84,667	80,068	21,675	101,743
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	49,498	8,064	57,562	47,356	4,676	52,032	57,525	5,716	63,241
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	1,518	1,068	2,586	3,027	845	3,872	1,043	826	1,869
<b>Institutional — Édifices institutionnels</b>	<b>1,818</b>	<b>39</b>	<b>1,857</b>	<b>3,721</b>	<b>90</b>	<b>3,811</b>	<b>971</b>	<b>24</b>	<b>995</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	365	—	365	—	—	—	—	—	—
15. Churches and other religious buildings — Églises et autres édifices religieux	—	—	—	—	—	—	—	—	—
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	—	—	—	1,460	72	1,532	—	—	—
17. Other institutional buildings — Autres édifices institutionnels	1,453	39	1,492	2,261	18	2,279	971	24	995
<b>Other building construction — Autres bâtiments</b>	<b>6,167</b>	<b>489</b>	<b>6,656</b>	<b>6,868</b>	<b>674</b>	<b>7,542</b>	<b>7,663</b>	<b>680</b>	<b>8,343</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	110	8	118	—	—	—	—	—	—
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	—	—	—	—	—	—	—	—	—
20. Aeroplane hangars — Hangars d'avion	—	—	—	—	—	—	—	—	—
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	—	—	—	—	—	—	—	—	—
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bûcherons	1,202	137	1,339	2,455	171	2,626	1,950	200	2,150
24. Laboratories — Laboratoires	711	74	785	830	94	924	1,570	121	1,691
25. Other building construction — Autres bâtiments	4,144	270	4,414	3,583	409	3,992	4,143	359	4,502
<b>Engineering construction — Total — Travaux de génie</b>	<b>26,136</b>	<b>2,922</b>	<b>29,058</b>	<b>88,046</b>	<b>3,215</b>	<b>91,261</b>	<b>99,266</b>	<b>3,199</b>	<b>102,465</b>
<b>Marine construction — Génie maritime</b>	<b>48</b>	<b>8</b>	<b>56</b>	<b>223</b>	<b>10</b>	<b>233</b>	<b>23</b>	<b>10</b>	<b>33</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	—	5	5	60	10	70	4	10	14
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	5	—	5	—	—	—	—	—	—
28. Canals and waterways — Canaux et voies navigables	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving — Dragage et battage de pieux	—	—	—	—	—	—	—	—	—
30. Dyke construction — Construction de digues	30	3	33	148	—	148	19	—	19
31. Logging booms — Estacades	—	—	—	—	—	—	—	—	—
32. Other marine construction — Autres constructions maritimes	13	—	13	15	—	15	—	—	—

**TABLE 13. Total Value of Construction Work Performed—New and Repair by Type of Structure by Trade Finance and Commercial Services, 1971-1973<sup>1,11,19</sup> — Concluded**

**TABLEAU 13. Valeur globale des travaux de construction exécutés—Construction neuve et réparations selon le genre de construction—Commerce, finances et services commerciaux, 1971-1973<sup>1,11,19</sup> — fin**

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>10, 229</b>	<b>1, 538</b>	<b>11, 767</b>	<b>34, 451</b>	<b>1, 420</b>	<b>35, 871</b>	<b>37, 964</b>	<b>1, 257</b>	<b>39, 221</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	3, 973	345	4, 318	27, 679	125	27, 804	29, 198	87	29, 285
34. Parking lots — Terrains de stationnement	6, 045	1, 185	7, 230	6, 502	1, 295	7, 797	8, 592	1, 170	9, 762
36. Sidewalks, paths — Trottoirs, allées	211	8	219	270	—	270	174	—	174
37. Aerodromes, landing fields, runways, tarmac — Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	—	—	—	—	—	—	—	—	—
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>6, 751</b>	<b>84</b>	<b>6, 835</b>	<b>37, 665</b>	<b>20</b>	<b>37, 685</b>	<b>39, 654</b>	<b>8</b>	<b>39, 662</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	2, 889	81	2, 970	21, 787	15	21, 802	23, 655	—	23, 655
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	2, 299	2	2, 301	6, 786	—	6, 786	7, 006	—	7, 006
40. Sewage systems and connections — Systèmes d'égouts et embranchements	1, 563	—	1, 563	7, 920	5	7, 925	7, 849	8	7, 857
41. Pumping stations, water — Stations de pompage (eau)	—	1	1	1, 172	—	1, 172	1, 142	—	1, 142
42. Water storage tanks — Réservoirs (eau)	—	—	—	—	—	—	2	—	2
<b>Dams and irrigation — Barrage et irrigation</b>	<b>42</b>	<b>—</b>	<b>42</b>	<b>499</b>	<b>—</b>	<b>499</b>	<b>711</b>	<b>—</b>	<b>711</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	42	—	42	499	—	499	711	—	711
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	—	—	—	—	—	—	—	—	—
<b>Electric power construction — Réseaux électriques</b>	<b>347</b>	<b>25</b>	<b>372</b>	<b>1, 250</b>	<b>1</b>	<b>1, 251</b>	<b>1, 315</b>	<b>—</b>	<b>1, 315</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	58	—	58	6	—	6	—	—	—
46. Electric transformer stations — Postes de transformation	82	25	107	119	—	119	102	—	102
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	41	—	41	887	1	888	973	—	973
48. Street lighting — Éclairage (rues)	166	—	166	238	—	238	240	—	240
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>8</b>
49. Railway tracks and roadbeds — Rails et chaussées	4	—	4	—	—	—	8	—	8
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	—	—	—	—	—	—	8	—	8
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	—	—	—	—	—	—	—	—	—
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>5, 938</b>	<b>1, 060</b>	<b>6, 998</b>	<b>5, 639</b>	<b>1, 600</b>	<b>7, 239</b>	<b>11, 494</b>	<b>1, 805</b>	<b>13, 299</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil — Stations de pompage (pétrole)	—	—	—	5	—	5	43	—	43
54. Pumping stations, gas — Stations de pompage (gaz)	—	61	61	—	—	—	—	—	—
55. Oil storage tanks — Réservoirs (pétrole)	5, 801	999	6, 800	5, 634	1, 600	7, 234	11, 120	1, 805	12, 925
56. Gas storage tanks — Réservoirs (gaz)	1	—	1	—	—	—	—	—	—
57. Oil pipe lines — Pipe-lines (pétrole)	136	—	136	—	—	—	331	—	331
58. Gas pipe lines — Pipe-lines (gaz)	—	—	—	—	—	—	—	—	—
59. Oil and gas wells — Puits de pétrole et de gaz	—	—	—	—	—	—	—	—	—
61. Oil refinery — Processing units — Rafineries de pétrole — Installations de traitement	—	—	—	—	—	—	—	—	—
62. Natural gas processing plants — Usines d'épuration de gaz naturel	—	—	—	—	—	—	—	—	—
<b>Other engineering construction — Autres travaux de génie</b>	<b>2, 777</b>	<b>207</b>	<b>2, 984</b>	<b>8, 319</b>	<b>164</b>	<b>8, 483</b>	<b>8, 097</b>	<b>119</b>	<b>8, 216</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	48	—	48	58	—	58	—	—	—
64. Tunnels and subways — Tunnels et voies souterraines	18	—	18	—	—	—	—	—	—
65. Incinerators — Incinérateurs	3	—	3	—	—	—	—	—	—
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	1, 041	62	1, 103	2, 344	56	2, 400	2, 460	20	2, 480
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	377	43	420	130	54	184	272	28	300
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	—	—	—	—	—	—	—	—	—
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	323	20	343	193	30	223	185	30	215
70. Other engineering construction — Autres travaux de génie	967	82	1, 049	5, 594	24	5, 618	5, 180	41	5, 221



**TABLE 14. Total Value of Construction Work Performed — New and Repair by Type of Structure by  
Federal Government Departments, 1971- 1973<sup>1,2,11</sup>**

**TABLEAU 14. Valeur globale des travaux de construction exécutés — Construction neuve et réparations  
selon le genre de construction — Administration fédérale, 1971- 1973<sup>1,2,11</sup>**

Type of structure Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total
	\$'000								
<b>Construction — Total — Travaux de construction .....</b>	<b>359,046</b>	<b>114,389</b>	<b>473,435</b>	<b>432,559</b>	<b>102,299</b>	<b>534,858</b>	<b>479,686</b>	<b>108,011</b>	<b>587,697</b>
<b>Building construction — Total — Construction de bâtiments .....</b>	<b>204,112</b>	<b>60,332</b>	<b>264,444</b>	<b>241,047</b>	<b>53,480</b>	<b>294,527</b>	<b>268,695</b>	<b>56,549</b>	<b>325,244</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries .....	5,550	6,721	12,271	6,060	6,328	12,388	6,781	6,646	13,427
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc. ....	2,545	2,359	4,904	3,027	2,104	5,131	3,730	2,225	5,955
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes .....	2,647	1,870	4,517	3,136	1,679	4,815	3,641	1,775	5,416
9. Office buildings — Édifices à bureaux .....	87,382	22,662	110,044	103,934	19,371	123,305	114,357	20,644	135,001
10. Stores, retail and wholesale — Magasins, vente de détail et de gros .....	1,564	514	2,078	1,614	433	2,047	1,902	476	2,378
11. Garages and service stations — Garages et stations-service .....	3,165	1,301	4,466	3,873	1,165	5,038	4,435	1,229	5,664
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs .....	1,610	952	2,562	1,840	825	2,665	2,220	882	3,102
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement .....	12,926	2,740	15,666	15,392	2,487	17,879	17,460	2,633	20,093
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc. ....	8,677	2,804	11,481	10,251	2,698	12,949	13,102	2,759	15,861
17. Other institutional buildings — Autres édifices institutionnels .....	14,230	874	15,104	16,589	710	17,299	19,035	773	19,808
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements) .....	1,555	395	1,950	1,848	356	2,204	2,074	376	2,450
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques .....	436	270	706	531	244	775	658	266	924
20. Aeroplane hangars — Hangars d'avion .....	1,713	1,662	3,375	2,043	1,511	3,554	2,347	1,581	3,928
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes .....	22,864	383	23,247	27,079	324	27,403	28,440	363	28,803
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc. ....	5,731	6,383	12,114	6,552	5,827	12,379	8,132	6,031	14,163
24. Laboratories — Laboratoires .....	17,515	2,754	20,269	20,436	2,224	22,660	20,028	2,462	22,490
25. Other building construction — Autres bâtiments .....	14,002	5,688	19,690	16,842	5,194	22,036	20,353	5,428	25,781
<b>Engineering construction — Total — Travaux de génie .....</b>	<b>154,934</b>	<b>54,057</b>	<b>208,991</b>	<b>191,512</b>	<b>48,819</b>	<b>240,331</b>	<b>210,991</b>	<b>51,462</b>	<b>262,453</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames .....	20,746	5,687	26,433	32,447	5,021	37,468	29,803	5,322	35,125
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements .....	3,631	309	3,940	4,334	268	4,602	5,570	291	5,861
28. Canals and waterways — Canaux et voies navigables .....	3,889	1,087	4,976	4,827	962	5,789	5,876	1,001	6,877
29. Dredging and pile driving — Dragage et battage de pieux .....	4,600	3,416	8,016	5,226	3,007	8,233	6,312	3,183	9,495
30. Dyke construction — Construction de digues .....	16	—	16	17	—	17	21	—	21
32. Other marine construction — Autres constructions maritimes .....	2,512	711	3,223	2,930	680	3,610	3,473	699	4,172
33. Highway, road and street construction, (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage) .....	23,826	11,282	35,108	27,702	10,572	38,274	33,434	11,241	44,675
34. Parking lots — Terrains de stationnement .....	1,860	473	2,333	2,163	410	2,573	2,382	426	2,808
37. Aerodromes, landing fields, runways, tarmac — Aéroports, terrains d'atterrissage, pistes d'envol, aires de débarquement .....	29,340	2,774	32,114	34,588	2,750	37,338	42,189	2,798	44,987
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux .....	767	412	1,179	990	357	1,347	1,181	384	1,565
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement .....	5,922	1,167	7,089	7,048	1,058	8,106	8,571	1,113	9,684
40. Sewage systems and connections — Systèmes d'égouts et embranchements .....	8,208	1,156	9,364	9,557	1,059	10,616	11,271	1,102	12,373
43. Dams and reservoirs — Barrages et barrages-réservoirs .....	3,868	1,826	5,694	4,408	1,739	6,147	4,832	1,838	6,670
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres .....	1,736	897	2,633	2,460	988	3,448	2,946	973	3,919
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation) .....	1,255	2,046	3,301	1,418	1,693	3,111	1,717	1,786	3,503
46. Electric transformer stations — Postes de transformation .....	8,249	43	8,292	11,947	40	11,987	5,249	41	5,290
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaies .....	2,171	891	3,062	2,506	839	3,345	2,739	871	3,610
55. Oil storage tanks — Réservoirs (pétrole) .....	—	—	—	—	—	—	—	—	—
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, pontceaux, voies supérieures, viaducs .....	7,425	555	7,980	8,312	477	8,789	9,035	505	9,540
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc. ....	3,287	2,609	5,896	3,900	2,257	6,157	4,640	2,388	7,028
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures .....	685	346	1,031	791	296	1,087	856	327	1,183
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous .....	930	461	1,391	1,077	402	1,479	1,270	425	1,695
70. Other engineering construction — Autres travaux de génie .....	20,011	15,909	35,920	22,864	13,944	36,808	27,624	14,748	42,372

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.



**TABLE 15. Total Value of Construction Work Performed – New and Repair by Type of Structure by Provincial Government Departments, 1971 - 1973<sup>1,11,18</sup>**

**TABLEAU 15. Valeur globale des travaux de construction exécutés – Construction neuve et réparations selon le genre de construction – Administrations provinciales, 1971 - 1973<sup>1,11,18</sup>**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total
	\$'000								
<b>Construction – Total – Travaux de construction ...</b>	<b>1,187,077</b>	<b>228,596</b>	<b>1,415,673</b>	<b>1,273,246</b>	<b>234,131</b>	<b>1,507,377</b>	<b>1,275,165</b>	<b>257,001</b>	<b>1,532,166</b>
<b>Building construction – Total – Construction de bâti- ments .....</b>	<b>158,272</b>	<b>37,545</b>	<b>195,817</b>	<b>148,224</b>	<b>38,876</b>	<b>187,100</b>	<b>162,695</b>	<b>43,580</b>	<b>206,275</b>
6. Warehouses, storehouses, refrigerated storage, etc. – Entrepôts, magasins, entrepôts frigorifiques, etc.	2,786	1,588	4,374	6,297	3,237	9,534	5,774	3,015	8,789
9. Office buildings – Édifices à bureaux .....	43,908	14,058	57,966	35,224	14,695	49,919	55,497	15,982	71,479
10. Stores, retail and wholesale – Magasins, vente de détail et de gros .....	—	—	—	—	—	—	—	—	—
17. Other institutional buildings – Autres édifices insti- tutionnels .....	65,636	11,664	77,300	70,129	17,480	87,609	65,769	20,314	86,083
24. Laboratories – Laboratoires .....	282	906	1,188	8,518	141	8,659	3,888	82	3,970
25. Other building construction – Autres bâtiments .....	45,660	9,329	54,989	28,056	3,323	31,379	31,767	4,187	35,954
<b>Engineering construction – Total – Travaux de génie</b>	<b>1,028,805</b>	<b>191,051</b>	<b>1,219,856</b>	<b>1,125,022</b>	<b>195,255</b>	<b>1,320,277</b>	<b>1,112,470</b>	<b>213,421</b>	<b>1,325,891</b>
26. Docks, wharves, piers, breakwaters – Basins, quais, jetées, brise-lames .....	1,671	1,721	3,392	4,961	781	5,742	4,318	878	5,196
27. Retaining walls, embankments, riprapping – Murs de soutènement, digues, enrochements .....	1,660	135	1,795	950	128	1,078	918	118	1,036
32. Other marine construction – Autres constructions maritimes .....	166	—	166	263	46	309	720	43	763
33. Highway, road and street construction (includes grading, scraping, oiling, filling) – Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage) .....	848,660	149,850	998,510	866,795	157,845	1,024,640	844,935	170,163	1,015,098
34. Parking lots – Terrains de stationnement .....	861	138	999	1,527	260	1,787	3,397	749	4,146
38. Tile drains, drainage ditches, storm sewers – Drains, fossés de drainage, égouts pluviaux .....	8,851	2,174	11,025	27,466	1,328	28,794	30,001	1,844	31,845
39. Water mains, hydrants and services – Conduites principales, bouches d'incendie et conduites de branchement .....	12,925	255	13,180	38,694	124	38,818	42,691	195	42,886
40. Sewage systems and connections – Systèmes d'é- gouts et embranchements .....	2,750	144	2,894	18,287	1,214	19,501	17,458	1,142	18,600
43. Dams and reservoirs – Barrages et barrages-réser- voirs .....	7,177	328	7,505	6,602	287	6,889	7,823	406	8,229
44. Irrigation and land reclamation projects – Irriga- tion et mise en valeur des terres .....	2,476	471	2,947	2,650	23	2,673	1,760	746	2,506
47. Power transmission and distribution lines, trolley wires – Lignes de transport et de distribution, caténaires .....	—	—	—	—	—	—	—	—	—
51. Telegraph and telephone lines, underground and marine cables – Lignes de télégraphe et de télé- phone, câbles souterrains et sous-marins .....	1,572	57	1,629	76	—	76	—	2,907	2,907
63. Bridges, trestles, culverts, overpasses, viaducts – Ponts, chevalets, ponceaux, voies supérieures, viaducs .....	90,405	27,384	117,789	87,837	25,859	113,696	83,307	24,073	107,380
66. Park systems, landscaping, sodding, etc. – Parcs, aménagement paysager, gazonnement, etc. ....	9,369	4,985	14,354	14,926	2,395	17,321	12,735	5,295	18,030
67. Swimming pools, tennis courts, outdoor recreation facilities – Piscines, courts de tennis, installa- tions récréatives extérieures .....	2,222	981	3,203	2,986	517	3,503	2,036	150	2,186
69. Fences, snowsheds, signs, guard rails – Clôtures, abris à neige, enseignes, garde-fous .....	686	1,066	1,752	2,261	843	3,104	947	877	1,824
70. Other engineering construction – Autres travaux de génie .....	37,354	1,362	38,716	48,741	3,605	52,346	59,424	3,835	63,259

**TABLE 16. Total Value of Construction Work Performed – New and Repair by Type of Structure by Municipal Government Departments, 1971-1973<sup>1,6,11</sup>**

**TABLEAU 16. Valeur globale des travaux de construction exécutés – Construction neuve et réparations selon le genre de construction – Administrations municipales, 1971-1973<sup>1,6,11</sup>**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total
	\$'000								
<b>Construction – Total – Travaux de construction</b>	<b>896,493</b>	<b>179,236</b>	<b>1,075,729</b>	<b>1,020,403</b>	<b>188,477</b>	<b>1,208,880</b>	<b>1,139,906</b>	<b>200,594</b>	<b>1,340,500</b>
<b>Building construction – Total – Construction de bâtiments</b>	<b>115,277</b>	<b>19,093</b>	<b>134,370</b>	<b>163,418</b>	<b>17,537</b>	<b>180,955</b>	<b>174,440</b>	<b>22,859</b>	<b>197,299</b>
9. Office buildings – Édifices à bureaux	14,767	4,182	18,949	28,746	3,838	32,584	29,564	4,416	33,980
12. Theatres, arenas, amusement and recreational buildings – Théâtres, cinémas, stades, établissements récréatifs	50,500	7,859	58,359	77,308	6,987	84,295	76,740	7,772	84,512
16. Hospitals, sanatoria, clinics, first-aid stations, etc. – Hôpitaux, sanatoriums, cliniques, postes de premier soin, etc.	15,516	878	16,394	13,023	678	13,701	16,682	2,856	19,538
17. Other institutional buildings – Autres édifices institutionnels	16,715	2,423	19,138	18,793	1,699	20,492	21,099	2,224	23,323
24. Laboratories – Laboratoires	—	—	—	—	—	—	—	—	—
25. Other building construction – Autres bâtiments	17,779	3,751	21,530	25,548	4,335	29,883	30,355	5,591	35,946
<b>Engineering construction – Total – Travaux de génie</b>	<b>781,216</b>	<b>160,143</b>	<b>941,359</b>	<b>856,985</b>	<b>170,940</b>	<b>1,027,925</b>	<b>965,466</b>	<b>177,735</b>	<b>1,143,201</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) – Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	306,200	78,971	385,171	290,782	76,669	367,451	331,513	81,633	413,146
34. Parking lots – Terrains de stationnement	—	—	—	—	—	—	—	—	—
36. Sidewalks, paths – Trottoirs, allées	15,434	6,021	21,455	18,030	4,088	22,118	17,784	4,843	22,627
40. Waterworks <sup>6</sup> and sewage systems – Canalisations <sup>6</sup> et systèmes d'égouts	349,725	56,935	406,660	417,170	69,634	486,804	468,464	71,181	539,645
48. Street lighting – Éclairage (rues)	9,522	3,431	12,953	11,487	4,468	15,955	11,737	3,276	15,013
63. Bridges, trestles, culverts, overpasses, viaducts – Ponts, chevalets, ponceaux, voies supérieures, viaducs	45,203	3,305	48,508	38,193	3,936	42,129	38,953	3,969	42,922
70. Other engineering construction – Autres travaux de génie	55,132	11,480	66,612	81,323	12,145	93,468	97,015	12,833	109,848

See footnote(s) on page 47. – Voir renvoi(s) à la page 47.

**TABLE 17. Total Value of Construction Work Performed – New and Repair by Residential and Institutional Services, 1971-1973<sup>1,11</sup>**

**TABLEAU 17. Valeur globale des travaux de construction exécutés – Construction neuve et réparations selon le genre de construction – Habitations et services institutionnels, 1971-1973<sup>1,11</sup>**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total	New — Neuve	Repair — Répara- tions	Total
	\$'000								
<b>Residential – Habitations:</b>									
<b>Construction – Total – Travaux de construction</b>	<b>4,025,434</b>	<b>950,512</b>	<b>4,975,946</b>	<b>4,736,117</b>	<b>1,024,280</b>	<b>5,760,397</b>	<b>4,740,000</b>	<b>1,113,294</b>	<b>5,853,294</b>
<b>Institutional – Édifices institutionnels:</b>									
<b>Construction – Total – Travaux de construction</b>	<b>1,199,588</b>	<b>117,963</b>	<b>1,317,551</b>	<b>1,015,872</b>	<b>131,226</b>	<b>1,147,098</b>	<b>884,498</b>	<b>136,146</b>	<b>1,020,644</b>
<b>Building construction – Total – Construction de bâtiments</b>	<b>1,186,453</b>	<b>117,497</b>	<b>1,303,950</b>	<b>1,002,093</b>	<b>130,800</b>	<b>1,132,893</b>	<b>869,508</b>	<b>135,570</b>	<b>1,005,078</b>
8. Hotels, clubs, restaurants, cafeterias, tourist cabins – Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	815	42	857	745	18	763	143	12	155
9. Office buildings – Édifices à bureaux	—	41	41	2,745	—	2,745	1,144	—	1,144
12. Theatres, arenas, amusement and recreational buildings – Théâtres, cinémas, stades, établissements récréatifs	3,291	42	3,333	369	439	808	3,420	493	3,913
14. Schools and other educational buildings – Écoles et autres maisons d'enseignements	861,321	74,610	935,931	739,664	86,352	826,016	596,214	91,162	687,376
15. Churches and other religious buildings – Églises et autres édifices religieux	13,623	6,974	20,597	15,144	6,924	22,068	11,716	6,149	17,865
16. Hospitals, sanatoria, clinics, first-aid stations, etc. – Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	239,112	32,353	271,465	201,789	33,229	235,018	228,923	34,158	263,081
17. Other institutional buildings – Autres édifices institutionnels	67,196	3,387	70,583	40,839	3,683	44,522	27,330	3,467	30,797
18. Farm buildings (excluding dwellings) – Bâtiments de ferme (à l'exception de logements)	15	45	60	56	53	109	300	44	344
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps – Dortoirs, cuisines, dépôts et camps de bûcherons	—	—	—	—	—	—	—	—	—
24. Laboratories – Laboratoires	473	—	473	281	—	281	15	—	15
25. Other building construction – Autres bâtiments	607	3	610	461	102	563	303	85	388
<b>Engineering construction – Total – Travaux de génie</b>	<b>13,135</b>	<b>466</b>	<b>13,601</b>	<b>13,779</b>	<b>426</b>	<b>14,205</b>	<b>14,990</b>	<b>576</b>	<b>15,566</b>

See footnote(s) on page 47. – Voir renvoi(s) à la page 47.

TABLE 18. Total Value of Construction Work Performed - New and Repair by Type of Structure - Newfoundland, 1971 - 1973<sup>1,11</sup>

TABLEAU 18. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction - Terre-Neuve, 1971 - 1973<sup>1,11</sup>

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Répara- tions	Total	New Neuve	Repair Répara- tions	Total	New Neuve	Repair Répara- tions	Total
	\$'000								
<b>Construction - Total - Travaux de construction</b> .....	<b>511,197</b>	<b>41,565</b>	<b>552,762</b>	<b>436,301</b>	<b>44,083</b>	<b>480,384</b>	<b>366,836</b>	<b>48,111</b>	<b>414,947</b>
<b>Building construction - Total - Construction de bâtiments</b> .....	<b>197,997</b>	<b>30,131</b>	<b>228,128</b>	<b>169,821</b>	<b>30,159</b>	<b>199,980</b>	<b>141,289</b>	<b>32,698</b>	<b>173,987</b>
Residential - Habitations .....	70,224	17,090	87,314	77,180	18,159	95,339	82,196	19,260	101,456
Industrial - Bâtiments industriels .....	86,692	5,984	92,676	45,017	4,545	49,562	5,357	5,663	11,020
Commercial - Bâtiments commerciaux .....	11,605	4,400	16,005	10,404	3,494	13,898	10,350	3,831	14,181
Institutional - Édifices institutionnels .....	26,353	2,100	28,453	33,987	3,403	37,390	39,166	3,351	42,517
Other building construction - Autres bâtiments .....	3,123	557	3,680	3,233	558	3,791	4,220	593	4,813
<b>Engineering construction - Total - Travaux de génie</b> .....	<b>313,200</b>	<b>11,434</b>	<b>324,634</b>	<b>266,480</b>	<b>13,924</b>	<b>280,404</b>	<b>225,547</b>	<b>15,413</b>	<b>240,960</b>
Marine construction - Génie maritime .....	3,613	1,037	4,650	13,783	832	14,615	8,962	1,112	10,074
Road, highway and aerodrome construction - Travaux routiers et aérodromes .....	58,455	5,595	64,050	63,127	7,666	70,793	63,232	8,554	71,786
Waterworks and sewage systems - Canalisations et systèmes d'égouts .....	6,161	884	7,045	6,092	250	6,342	7,159	182	7,341
Dams and irrigation - Barrages et irrigation .....	139,014	1,414	140,428	96,646	2,705	99,351	76,656	2,812	79,468
Electric power construction - Réseaux électriques .....									
Railway, telephone and telegraph - Voies ferrées, lignes télé- phoniques et télégraphiques .....	4,283	1,822	6,105	5,311	1,528	6,839	6,167	1,664	7,831
Gas and oil facilities - Installations de gaz et de pétrole .....	86,195	8	86,203	73,335	85	73,420	46,927	94	47,021
Other engineering construction - Autres travaux de génie .....	15,479	674	16,153	8,186	858	9,044	16,444	995	17,439

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.

TABLE 19. Total Value of Construction Work Performed - New and Repair by Type of Structure - Prince Edward Island, 1971 - 1973<sup>1,11</sup>

TABLEAU 19. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction - Île-du-Prince-Édouard, 1971 - 1973<sup>1,11</sup>

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Répara- tions	Total	New Neuve	Repair Répara- tions	Total	New Neuve	Repair Répara- tions	Total
	\$'000								
<b>Construction - Total - Travaux de construction</b> .....	<b>50,095</b>	<b>11,135</b>	<b>61,230</b>	<b>53,095</b>	<b>10,589</b>	<b>63,684</b>	<b>61,914</b>	<b>11,316</b>	<b>73,230</b>
<b>Building construction - Total - Construction de bâtiments</b> .....	<b>37,077</b>	<b>6,846</b>	<b>43,923</b>	<b>38,229</b>	<b>7,095</b>	<b>45,324</b>	<b>47,106</b>	<b>7,683</b>	<b>54,789</b>
Residential - Habitations .....	26,049	4,370	30,419	27,028	4,672	31,700	29,707	4,984	34,691
Industrial - Bâtiments industriels .....	1,303	375	1,678	622	218	840	1,238	247	1,485
Commercial - Bâtiments commerciaux .....	3,305	757	4,062	3,060	723	3,783	2,852	817	3,669
Institutional - Édifices institutionnels .....	4,391	731	5,122	5,399	830	6,229	10,449	807	11,256
Other building construction - Autres bâtiments .....	2,029	613	2,642	2,120	652	2,772	2,860	828	3,688
<b>Engineering construction - Total - Travaux de génie</b> .....	<b>13,018</b>	<b>4,289</b>	<b>17,307</b>	<b>14,866</b>	<b>3,494</b>	<b>18,360</b>	<b>14,808</b>	<b>3,633</b>	<b>18,441</b>
Marine construction - Génie maritime .....	274	591	865	325	459	784	455	563	1,018
Road, highway and aerodrome construction - Travaux routiers et aérodromes .....	5,817	2,290	8,107	6,683	1,646	8,329	6,339	1,506	7,845
Waterworks and sewage systems - Canalisations et systèmes d'égouts .....	2,135	96	2,231	2,772	110	2,882	807	145	952
Dams and irrigation - Barrages et irrigation .....	268	22	290	59	37	96	46	51	97
Electric power construction - Réseaux électriques .....	3,063	555	3,618	2,585	367	2,952	4,070	329	4,399
Railway, telephone and telegraph - Voies ferrées, lignes télé- phoniques et télégraphiques .....	931	242	1,173	936	271	1,207	1,129	329	1,458
Gas and oil facilities - Installations de gaz et de pétrole .....	27	7	34	310	26	336	1,048	28	1,076
Other engineering construction - Autres travaux de génie .....	503	486	989	1,196	578	1,774	914	682	1,596

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.



TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Nova Scotia, 1971-1973<sup>1,10,11</sup>

TABLEAU 20. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Nouvelle-Écosse, 1971-1973<sup>1,10,11</sup>

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Construction — Total — Travaux de construction</b>	<b>369,251</b>	<b>83,507</b>	<b>452,758</b>	<b>375,887</b>	<b>85,258</b>	<b>461,145</b>	<b>453,871</b>	<b>89,921</b>	<b>543,792</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>217,149</b>	<b>50,317</b>	<b>267,466</b>	<b>182,093</b>	<b>52,655</b>	<b>234,748</b>	<b>216,593</b>	<b>55,804</b>	<b>272,397</b>
<b>Residential — Habitations</b>	<b>120,353</b>	<b>31,782</b>	<b>152,135</b>	<b>105,667</b>	<b>33,726</b>	<b>139,393</b>	<b>120,546</b>	<b>35,596</b>	<b>156,142</b>
<b>Industrial — Bâtiments industriels</b>	<b>38,488</b>	<b>3,847</b>	<b>42,335</b>	<b>16,835</b>	<b>3,962</b>	<b>20,797</b>	<b>16,218</b>	<b>4,278</b>	<b>20,496</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	37,815	3,421	41,236	16,373	3,602	19,975	15,438	3,853	19,291
3. Mine and mine mill buildings — Mines (bâtiments et usines)	429	140	569	281	133	414	526	175	701
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	151	180	331	108	135	243	152	149	301
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	93	106	199	73	92	165	102	101	203
<b>Commercial — Bâtiments commerciaux</b>	<b>22,516</b>	<b>8,543</b>	<b>31,059</b>	<b>28,302</b>	<b>7,514</b>	<b>35,816</b>	<b>42,538</b>	<b>7,998</b>	<b>50,536</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	1,538	750	2,288	1,246	959	2,205	1,065	975	2,040
7. Grain elevators — Silos à grain	1	93	94	1	116	117	1	104	105
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	4,398	815	5,213	5,399	683	6,082	6,266	749	7,015
9. Office buildings — Édifices à bureaux	9,504	3,554	13,058	8,378	2,538	10,916	13,780	2,591	16,371
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	3,040	1,367	4,407	9,949	1,731	11,680	17,077	1,939	19,016
11. Garages and service stations — Garages et stations-service	2,030	1,661	3,691	1,879	1,159	3,038	2,828	1,303	4,131
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	1,995	280	2,275	1,450	294	1,744	1,519	309	1,828
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	10	23	33	—	34	34	2	28	30
<b>Institutional — Édifices institutionnels</b>	<b>30,441</b>	<b>3,264</b>	<b>33,705</b>	<b>25,797</b>	<b>4,421</b>	<b>30,218</b>	<b>30,501</b>	<b>4,724</b>	<b>35,225</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	21,664	1,960	23,624	18,467	2,778	21,245	21,552	3,113	24,665
15. Churches and other religious buildings — Églises et autres édifices religieux	475	220	695	749	462	1,211	291	355	646
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	3,275	882	4,157	3,780	1,036	4,816	6,007	1,100	7,107
17. Other institutional buildings — Autres édifices institutionnels	5,027	202	5,229	2,801	145	2,946	2,651	156	2,807
<b>Other building construction — Autres bâtiments</b>	<b>5,351</b>	<b>2,881</b>	<b>8,232</b>	<b>5,492</b>	<b>3,032</b>	<b>8,524</b>	<b>6,790</b>	<b>3,208</b>	<b>9,998</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	951	607	1,558	1,579	976	2,555	1,822	1,111	2,933
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	1,478	227	1,705	288	45	333	63	33	96
20. Aeroplane hangars — Hangars d'avion	46	401	447	301	398	699	81	409	490
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	—	63	63	—	63	63	460	50	510
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	718	1,078	1,796	746	1,044	1,790	819	1,073	1,892
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bûcherons	20	15	35	17	52	69	15	43	58
24. Laboratories — Laboratoires	427	44	471	605	102	707	512	111	623
25. Other building construction — Autres bâtiments	1,711	446	2,157	1,956	352	2,308	3,018	378	3,396
<b>Engineering construction — Total — Travaux de génie</b>	<b>152,102</b>	<b>33,190</b>	<b>185,292</b>	<b>193,794</b>	<b>32,603</b>	<b>226,397</b>	<b>237,278</b>	<b>34,117</b>	<b>271,395</b>
<b>Marine construction — Génie maritime</b>	<b>5,335</b>	<b>2,551</b>	<b>7,886</b>	<b>4,348</b>	<b>2,528</b>	<b>6,876</b>	<b>5,351</b>	<b>2,514</b>	<b>7,865</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	4,622	1,930	6,552	3,299	1,730	5,029	4,298	1,734	6,032
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	153	63	216	198	80	278	174	79	253
28. Canals and waterways — Canaux et voies navigables	117	—	117	122	—	122	134	—	134
29. Dredging and pile driving — Dragage et batage de pieux	391	147	538	406	142	548	446	146	592
30. Dyke construction — Construction de digues	—	—	—	—	—	—	—	—	—
31. Logging booms — Estacades	—	—	—	—	—	—	40	—	40
32. Other marine construction — Autres constructions maritimes	52	411	463	323	576	899	259	555	814

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

TABLE 20. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Nova Scotia, 1971-1973<sup>1,10,11</sup> — Concluded

TABLERAU 20. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Nouvelle-Écosse, 1971-1973<sup>1,10,11</sup> — fin

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>46,802</b>	<b>15,880</b>	<b>62,682</b>	<b>42,543</b>	<b>13,339</b>	<b>55,882</b>	<b>40,911</b>	<b>15,204</b>	<b>56,115</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassément, nivellement, épandage d'huile et remblayage)	45,214	15,405	60,619	42,035	12,783	54,818	40,101	14,619	54,720
34. Parking lots — Terrains de stationnement	1,296	49	1,345	86	81	167	88	86	174
36. Sidewalks, paths — Trottoirs, allées	148	85	233	272	145	417	558	160	718
37. Aerodromes, landing fields, runways, tarmac — Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement	144	341	485	150	330	480	164	339	503
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>18,074</b>	<b>1,326</b>	<b>19,400</b>	<b>20,354</b>	<b>2,323</b>	<b>22,677</b>	<b>23,440</b>	<b>1,945</b>	<b>25,385</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	3,009	373	3,382	2,776	282	3,058	10,939	347	11,286
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	5,634	509	6,143	4,435	451	4,886	4,755	463	5,218
40. Sewage systems and connections — Systèmes d'égouts et embranchements	9,136	423	9,559	11,710	1,498	13,208	7,158	1,063	8,221
41. Pumping stations, water — Stations de pompage (eau)	84	13	97	723	79	802	548	56	604
42. Water storage tanks — Réservoirs (eau)	211	8	219	710	13	723	40	16	56
<b>Dams and irrigation — Barrage et irrigation</b>	<b>674</b>	<b>81</b>	<b>755</b>	<b>578</b>	<b>112</b>	<b>690</b>	<b>915</b>	<b>129</b>	<b>1,044</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	559	18	577	386	1	387	672	5	677
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	115	63	178	192	111	303	243	124	367
<b>Electric power construction — Réseaux électriques</b>	<b>24,824</b>	<b>2,160</b>	<b>26,984</b>	<b>37,895</b>	<b>2,600</b>	<b>40,495</b>	<b>43,752</b>	<b>2,620</b>	<b>46,372</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	11,393	553	11,946	13,079	1,739	14,818	18,409	1,789	20,198
46. Electric transformer stations — Postes de transformation	11	7	18	11	97	108	12	93	105
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	13,339	1,556	14,895	24,587	680	25,267	25,161	707	25,868
48. Street lighting — Éclairage (rues)	81	44	125	218	84	302	170	31	201
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>8,452</b>	<b>3,939</b>	<b>12,391</b>	<b>11,319</b>	<b>4,201</b>	<b>15,520</b>	<b>17,417</b>	<b>4,618</b>	<b>22,035</b>
49. Railway tracks and roadbeds — Rails et chaussées	1,727	2,063	3,790	1,535	2,219	3,754	1,982	2,342	4,324
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	228	289	517	180	225	405	252	247	499
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	6,497	1,587	8,084	9,604	1,757	11,361	15,183	2,029	17,212
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>12,084</b>	<b>4,043</b>	<b>16,127</b>	<b>37,205</b>	<b>4,206</b>	<b>41,411</b>	<b>40,627</b>	<b>4,081</b>	<b>44,708</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	—	—	—	—	—	—	—	—	—
53. Pumping stations, oil — Stations de pompage (pétrole)	—	—	—	—	—	—	—	—	—
54. Pumping stations, gas — Stations de pompage (gaz)	—	39	39	—	—	—	—	—	—
55. Oil storage tanks — Réservoirs (pétrole)	261	87	348	645	591	1,236	1,589	560	2,149
56. Gas storage tanks — Réservoirs (gaz)	—	—	—	—	—	—	—	—	—
57. Oil pipe lines — Pipe-lines (pétrole)	—	22	22	32	1	33	30	—	30
58. Gas pipe lines — Pipe-lines (gaz)	—	7	7	—	16	16	—	17	17
59. Oil and gas wells <sup>10</sup> — Puits de pétrole et de gaz <sup>10</sup>	—	—	—	23,986	—	23,986	30,964	—	30,964
61. Oil refinery — Processing units — Rafineries de pétrole — Installations de traitement	11,823	3,888	15,711	12,542	3,598	16,140	8,044	3,504	11,548
62. Natural gas processing plants — Usines d'épuration de gaz naturel	—	—	—	—	—	—	—	—	—
<b>Other engineering construction — Autres travaux de génie</b>	<b>35,857</b>	<b>3,210</b>	<b>39,067</b>	<b>39,552</b>	<b>3,294</b>	<b>42,846</b>	<b>64,865</b>	<b>3,006</b>	<b>67,871</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	13,135	739	13,874	11,446	369	11,815	9,834	207	10,041
64. Tunnels and subways — Tunnels et voies souterraines	—	18	18	—	18	18	—	18	18
65. Incinerators — Incinérateurs	56	46	102	28	36	64	31	42	73
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	706	224	930	940	286	1,226	1,021	297	1,318
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	124	44	168	107	47	154	332	49	381
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	2,281	19	2,300	4,438	18	4,456	6,958	18	6,976
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	225	193	418	319	243	562	375	284	639
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	19,330	1,927	21,257	22,274	2,277	24,551	46,314	2,111	48,425



TABLE 21. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
New Brunswick, 1971-1973<sup>1,10,11</sup>

TABLEAU 21. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Nouveau-Brunswick, 1971-1973<sup>1,10,11</sup>

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
\$'000									
Construction — Total — Travaux de construction .....	285,843	66,014	351,857	302,690	72,055	374,745	341,830	75,325	417,155
Building construction — Total — Construction de bâtiments .....	166,899	37,833	204,732	174,783	40,222	215,005	195,063	42,564	237,627
Residential — Habitations .....	82,280	23,484	105,764	109,813	24,725	134,538	132,019	26,267	158,286
Industrial — Bâtiments industriels .....	23,768	3,256	27,024	8,723	2,566	11,289	11,011	2,716	13,727
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries .....	22,309	2,355	24,664	7,320	1,975	9,295	9,278	2,059	11,337
3. Mine and mine mill buildings — Mines (bâtiments et usines) .....	605	158	763	956	30	986	1,105	40	1,145
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies) .....	664	480	1,144	267	335	602	375	368	743
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible) .....	190	263	453	180	226	406	253	249	502
Commercial — Bâtiments commerciaux .....	25,803	4,117	29,920	29,946	7,923	37,869	21,529	8,612	30,141
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc. ....	2,956	370	3,326	1,605	603	2,208	1,635	670	2,305
7. Grain elevators — Silos à grain .....	2	23	25	2	47	49	12	53	65
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes .....	2,042	217	2,259	3,213	208	3,421	86	198	284
9. Office buildings — Édifices à bureaux .....	8,412	1,023	9,435	10,464	4,652	15,116	6,018	5,174	11,192
10. Stores, retail and wholesale — Magasins, vente de détail et de gros .....	6,346	1,149	7,495	8,551	1,130	9,681	9,718	981	10,699
11. Garages and service stations — Garages et stations-service .....	3,076	1,044	4,120	2,774	961	3,735	2,666	1,264	3,930
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs .....	2,969	254	3,223	3,337	320	3,657	1,394	268	1,662
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec .....	—	37	37	—	2	2	—	4	4
Institutional — Édifices institutionnels .....	30,134	4,759	34,893	21,254	3,222	24,476	23,598	3,055	26,653
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement .....	24,238	2,396	26,634	16,347	2,218	18,565	18,834	2,041	20,875
15. Churches and other religious buildings — Églises et autres édifices religieux .....	306	1,088	1,394	620	482	1,102	525	357	882
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc. ....	4,679	1,042	5,721	582	373	955	1,767	538	2,305
17. Other institutional buildings — Autres édifices institutionnels .....	911	233	1,144	3,705	149	3,854	2,472	119	2,591
Other building construction — Autres bâtiments .....	4,914	2,217	7,131	5,047	1,786	6,833	6,906	1,914	8,820
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements) .....	2,166	864	3,030	1,289	850	2,139	1,485	962	2,447
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques .....	1,210	236	1,446	1,304	238	1,542	2,816	256	3,072
20. Aeroplane hangars — Hangars d'avion .....	83	146	229	79	109	188	87	108	195
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes .....	—	—	—	—	—	—	—	—	—
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc. ....	35	512	547	33	383	416	37	378	415
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bûcherons .....	180	106	286	149	65	214	224	69	293
24. Laboratories — Laboratoires .....	12	11	23	2	1	3	2	1	3
25. Other building construction — Autres bâtiments .....	1,228	342	1,570	2,191	140	2,331	2,255	140	2,395
Engineering construction — Total — Travaux de génie .....	118,944	28,181	147,125	127,907	31,833	159,740	146,767	32,761	179,528
Marine construction — Génie maritime .....	5,685	1,634	7,319	3,604	986	4,590	13,842	1,059	14,901
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames .....	5,447	702	6,149	3,446	438	3,884	13,693	539	14,232
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements .....	77	7	84	96	6	102	81	6	87
28. Canals and waterways — Canaux et voies navigables .....	—	—	—	—	—	—	—	—	—
29. Dredging and pile driving — Dragage et battage de pieux .....	65	806	871	62	534	596	68	512	580
30. Dyke construction — Construction de digues .....	96	101	197	—	—	—	—	—	—
31. Logging booms — Estacades .....	—	6	6	—	6	6	—	—	—
32. Other marine construction — Autres constructions maritimes .....	—	12	12	—	2	2	—	2	2



TABLE 21. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
New Brunswick, 1971-1973<sup>1,10,11</sup> - Concluded

TABLEAU 21. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Nouveau-Brunswick, 1971-1973<sup>1,10,11</sup> - fin

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction - Travaux routiers et aérodromes</b>	<b>25,496</b>	<b>13,150</b>	<b>38,646</b>	<b>50,801</b>	<b>14,280</b>	<b>65,081</b>	<b>44,851</b>	<b>13,956</b>	<b>58,807</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) - Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	23,112	12,834	35,946	48,181	13,977	62,158	42,528	13,681	56,209
34. Parking lots - Terrains de stationnement	166	137	303	363	155	518	149	137	286
36. Sidewalks, paths - Trottoirs, allées	233	55	288	369	52	421	97	44	141
37. Aerodromes, landing fields, runways, tarmac - Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement	1,985	124	2,109	1,888	96	1,984	2,077	94	2,171
<b>Waterworks and sewage systems - Canalisations et systèmes d'égouts</b>	<b>13,910</b>	<b>1,371</b>	<b>15,281</b>	<b>10,703</b>	<b>1,272</b>	<b>11,975</b>	<b>15,716</b>	<b>1,281</b>	<b>16,997</b>
38. Tile drains, drainage ditches, storm sewers - Drains, fossés de drainage, égouts pluviaux	596	481	1,077	2,029	510	2,539	1,487	558	2,045
39. Water mains, hydrants and services - Conduites principales, bouches d'incendie et conduites de branchement	2,534	577	3,111	2,864	386	3,250	2,612	362	2,974
40. Sewage systems and connections - Systèmes d'égouts et embranchements	5,667	238	5,905	5,503	151	5,654	11,581	130	11,711
41. Pumping stations, water - Stations de pompage (eau)	4,921	56	4,977	28	211	239	15	215	230
42. Water storage tanks - Réservoirs (eau)	192	19	211	279	14	293	21	16	37
<b>Dams and irrigation - Barrage et irrigation</b>	<b>330</b>	<b>107</b>	<b>437</b>	<b>3,681</b>	<b>119</b>	<b>3,800</b>	<b>641</b>	<b>118</b>	<b>759</b>
43. Dams and reservoirs - Barrages et barrages-réservoirs	70	4	74	3,530	17	3,547	470	2	472
44. Irrigation and land reclamation projects - Irrigation et mise en valeur des terres	260	103	363	151	102	253	171	116	287
<b>Electric power construction - Réseaux électriques</b>	<b>13,299</b>	<b>882</b>	<b>14,181</b>	<b>23,136</b>	<b>2,291</b>	<b>25,427</b>	<b>36,004</b>	<b>1,928</b>	<b>37,932</b>
45. Electric power generating plants, including water conveying and controlling structures - Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	4,040	296	4,336	9,434	809	10,243	19,774	324	20,098
46. Electric transformer stations - Postes de transformation	17	-	17	46	-	46	18	-	18
47. Power transmission and distribution lines, trolley wires - Lignes de transport et de distribution, caténaires	9,188	546	9,734	13,602	1,463	15,065	16,173	1,591	17,764
48. Street lighting - Éclairage (rues)	54	40	94	54	19	73	39	13	52
<b>Railway, telephone and telegraph - Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>10,901</b>	<b>6,794</b>	<b>17,695</b>	<b>13,727</b>	<b>7,894</b>	<b>21,621</b>	<b>16,836</b>	<b>10,239</b>	<b>27,075</b>
49. Railway tracks and roadbeds - Rails et chaussées	3,526	4,641	8,167	3,836	5,738	9,574	4,996	7,767	12,763
50. Signals and interlockers - Signaux et dispositifs d'enclanchement	467	743	1,210	443	556	999	623	611	1,234
51. Telegraph and telephone lines, underground and marine cables - Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	6,908	1,410	8,318	9,448	1,600	11,048	11,217	1,861	13,078
<b>Gas and oil facilities - Installations de gaz et de pétrole</b>	<b>6,999</b>	<b>947</b>	<b>7,946</b>	<b>4,318</b>	<b>2,156</b>	<b>6,474</b>	<b>2,675</b>	<b>1,198</b>	<b>3,873</b>
52. Gas mains and services - Conduites principales et conduites de branchement (gaz)	1	13	14	-	-	-	-	-	-
53. Pumping stations, oil - Stations de pompage (pétrole)	-	-	-	-	-	-	-	-	-
54. Pumping stations, gas - Stations de pompage (gaz)	-	22	22	-	-	-	-	-	-
55. Oil storage tanks - Réservoirs (pétrole)	6,850	-	6,850	569	152	721	625	169	794
56. Gas storage tanks - Réservoirs (gaz)	-	-	-	-	-	-	-	-	-
57. Oil pipe lines - Pipe-lines (pétrole)	-	2	2	-	-	-	-	-	-
58. Gas pipe lines - Pipe-lines (gaz)	20	5	25	4	4	8	-	4	4
59. Oil and gas wells - Puits de pétrole et de gaz	128	23	151	45	-	45	50	-	50
61. Oil refinery - Processing units <sup>10</sup> - Raffineries de pétrole - Installations de traitement <sup>10</sup>	-	882	882	3,700	2,000	5,700	2,000	1,025	3,025
62. Natural gas processing plants - Usines d'épuration de gaz naturel	-	-	-	-	-	-	-	-	-
<b>Other engineering construction - Autres travaux de génie</b>	<b>42,324</b>	<b>3,296</b>	<b>45,620</b>	<b>17,937</b>	<b>2,835</b>	<b>20,772</b>	<b>16,202</b>	<b>2,982</b>	<b>19,184</b>
63. Bridges, trestles, culverts, overpasses, viaducts - Ponts, chevalets, ponceaux, voies supérieures, viaducs	16,040	1,770	17,810	8,663	1,709	10,372	8,117	1,823	9,940
64. Tunnels and subways - Tunnels et voies souterraines	-	-	-	-	-	-	-	-	-
65. Incinerators - Incinérateurs	3	5	8	-	14	14	-	15	15
66. Park systems, landscaping, sodding, etc. - Parcs, aménagement paysager, gazonnement, etc.	648	315	963	921	243	1,164	793	223	1,016
67. Swimming pools, tennis courts, outdoor recreation facilities - Piscines, courts de tennis, installations récréatives extérieures	130	15	145	277	13	290	116	14	130
68. Mine shafts and other below surface workings - Puits de mine et autres ouvrages souterrains	8,414	40	8,454	6,295	-	6,295	5,360	19	5,379
69. Fences, snowsheds, signs, guard rails - Clôtures, abris à neige, enseignes, garde-fous	470	263	733	300	216	516	341	241	582
70. Other engineering construction <sup>10</sup> - Autres travaux de génie	16,619	888	17,507	1,481	640	2,121	1,475	647	2,122

TABLE 22. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
Quebec, 1971 - 1973<sup>1,10,11</sup>

TABEAU 22. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Québec, 1971 - 1973<sup>1,10,11</sup>

Type of structure - Genre de construction	1971			1972			1973		
	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total
	\$'000								
<b>Construction - Total - Travaux de construction</b>	<b>2,836,197</b>	<b>575,701</b>	<b>3,411,898</b>	<b>3,027,678</b>	<b>604,848</b>	<b>3,632,526</b>	<b>3,253,367</b>	<b>652,200</b>	<b>3,905,567</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>1,715,327</b>	<b>374,230</b>	<b>2,089,557</b>	<b>1,862,717</b>	<b>392,425</b>	<b>2,255,142</b>	<b>1,989,514</b>	<b>423,210</b>	<b>2,412,724</b>
<b>Residential - Habitations</b>	<b>860,938</b>	<b>209,210</b>	<b>1,070,148</b>	<b>950,581</b>	<b>223,201</b>	<b>1,173,782</b>	<b>988,904</b>	<b>246,775</b>	<b>1,235,679</b>
<b>Industrial - Bâtiments industriels</b>	<b>180,495</b>	<b>45,404</b>	<b>225,899</b>	<b>211,797</b>	<b>45,833</b>	<b>257,630</b>	<b>239,194</b>	<b>49,320</b>	<b>288,514</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	99,920	38,910	138,830	123,202	38,875	162,077	163,388	41,678	205,066
3. Mine and mine mill buildings - Mines (bâtiments et usines)	77,132	2,539	79,671	87,547	4,804	92,351	74,342	5,663	80,005
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	2,388	1,989	4,377	626	1,273	1,899	890	1,128	2,018
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	1,055	1,966	3,021	422	881	1,303	574	851	1,425
<b>Commercial - Bâtiments commerciaux</b>	<b>203,972</b>	<b>48,693</b>	<b>252,665</b>	<b>259,555</b>	<b>47,498</b>	<b>307,053</b>	<b>364,268</b>	<b>49,432</b>	<b>413,700</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigorifiques, etc.	14,566 241	3,944 816	18,510 1,057	24,024 100	4,364 1,418	28,388 1,518	15,968 904	6,296 1,401	22,264 2,305
7. Grain elevators - Silos à grain									
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	14,289	3,517	17,806	20,839	4,005	24,844	50,987	4,030	55,017
9. Office buildings - Édifices à bureaux	83,912	17,395	101,307	100,990	16,728	117,718	135,197	16,654	151,851
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	47,787	9,110	56,897	64,843	9,332	74,175	103,755	9,246	113,001
11. Garages and service stations - Garages et stations-service	13,125	6,162	19,287	18,233	6,235	24,468	23,437	5,843	29,280
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, établissements récréatifs	29,813	7,575	37,388	30,322	5,238	35,560	33,692	5,839	39,531
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de nettoyage à sec	239	174	413	204	178	382	328	123	451
<b>Institutional - Édifices institutionnels</b>	<b>375,273</b>	<b>46,465</b>	<b>421,738</b>	<b>332,408</b>	<b>49,911</b>	<b>382,319</b>	<b>286,843</b>	<b>51,152</b>	<b>337,995</b>
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	256,383	25,384	281,767	239,478	30,084	269,562	190,363	31,090	221,453
15. Churches and other religious buildings - Églises et autres édifices religieux	1,604	1,897	3,501	1,388	2,154	3,542	645	1,872	2,517
16. Hospitals, sanatoria, clinics, first-aid stations, etc. - Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	48,146	11,356	59,502	37,575	10,339	47,914	43,624	10,825	54,449
17. Other institutional buildings - Autres édifices institutionnels	69,140	7,828	76,968	53,967	7,334	61,301	52,211	7,365	59,576
<b>Other building construction - Autres bâtiments</b>	<b>94,649</b>	<b>24,458</b>	<b>119,107</b>	<b>108,376</b>	<b>25,982</b>	<b>134,358</b>	<b>110,305</b>	<b>26,531</b>	<b>136,836</b>
18. Farm buildings (excluding dwellings) - Bâtiments de ferme (à l'exception des logements)	29,789	9,334	39,123	35,089	11,030	46,119	35,590	11,140	46,730
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	13,891 12,464	2,785 944	16,676 13,408	6,815 6,543	2,183 1,634	8,998 8,177	8,329 1,019	1,972 1,629	10,301 2,648
20. Aeroplane hangars - Hangars d'avion									
21. Passenger terminals, bus, boat or air - Gares routières, aéroports, gares maritimes	3,510	2,641	6,151	8,752	5,230	13,982	6,756	5,543	12,299
22. Armouries, barracks, drill halls, etc. - Manèges militaires, casernes, salles d'exercice, etc.	2,223	1,518	3,741	2,694	1,544	4,238	3,613	1,506	5,119
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dépôts et camps de bucherons	3,710 1,718	743 200	4,453 1,918	2,034 1,797	569 20	2,603 1,817	3,178 1,873	525 53	3,703 1,926
24. Laboratories - Laboratoires									
25. Other building construction - Autres bâtiments	27,344	6,293	33,637	44,652	3,772	48,424	49,947	4,163	54,110
<b>Engineering construction - Total - Travaux de génie</b>	<b>1,120,870</b>	<b>201,471</b>	<b>1,322,341</b>	<b>1,164,961</b>	<b>212,423</b>	<b>1,377,384</b>	<b>1,263,853</b>	<b>228,990</b>	<b>1,492,843</b>
<b>Marine construction - Génie maritime</b>	<b>30,130</b>	<b>5,533</b>	<b>35,663</b>	<b>40,738</b>	<b>5,234</b>	<b>45,972</b>	<b>41,519</b>	<b>4,893</b>	<b>46,412</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	12,033	2,986	15,019	22,780	2,467	25,247	21,423	2,461	23,884
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	3,612	206	3,818	4,199	300	4,499	5,347	278	5,625
28. Canals and waterways - Canaux et voies navigables	12,345	571	12,916	11,502	649	12,151	11,347	712	12,059
29. Dredging and pile driving - Dragage et battage de pieux	509	837	1,346	617	794	1,411	827	787	1,614
30. Dyke construction - Construction de digues	254	52	306	162	48	210	19	33	52
31. Logging booms - Estacades	306	127	433	163	79	242	167	58	225
32. Other marine construction - Autres constructions maritimes	1,071	754	1,825	1,315	897	2,212	2,389	564	2,953



TABLE 22. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Quebec, 1971-1973<sup>1,2,11</sup> — Concluded

TABLEAU 22. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Québec, 1971-1973<sup>1,2,11</sup> — fin

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>388,720</b>	<b>58,061</b>	<b>446,781</b>	<b>371,033</b>	<b>54,942</b>	<b>425,975</b>	<b>349,807</b>	<b>57,896</b>	<b>407,703</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassément, nivellement, épandage d'huile et remblayage)	367,147	54,216	421,363	345,616	53,001	398,617	319,150	56,147	375,297
34. Parking lots — Terrains de stationnement	3,667	517	4,184	4,029	596	4,625	3,152	376	3,528
36. Sidewalks, paths — Trottoirs, allées	3,729	2,760	6,489	4,211	742	4,953	4,466	805	5,271
37. Aerodromes, landing fields, runways, tarmac — Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement	14,177	568	14,745	17,177	603	17,780	23,039	568	23,607
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>111,486</b>	<b>29,725</b>	<b>141,211</b>	<b>140,090</b>	<b>39,549</b>	<b>179,639</b>	<b>149,676</b>	<b>39,277</b>	<b>188,953</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	3,496	1,058	4,554	7,881	1,248	9,129	7,841	1,261	9,102
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	22,123	18,700	40,823	29,752	15,944	45,696	34,481	14,326	48,807
40. Sewage systems and connections — Systèmes d'égouts et embranchements	79,201	8,451	87,652	94,080	16,442	110,522	97,061	18,399	115,460
41. Pumping stations, water — Stations de pompage (eau)	6,200	1,313	7,513	7,804	5,718	13,522	9,745	5,091	14,836
42. Water storage tanks — Réservoirs (eau)	466	203	669	573	197	770	548	200	748
<b>Dams and irrigation — Barrage et irrigation</b>	<b>4,549</b>	<b>1,297</b>	<b>5,846</b>	<b>5,305</b>	<b>1,469</b>	<b>6,774</b>	<b>5,432</b>	<b>1,457</b>	<b>6,889</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	918	150	1,068	1,017	115	1,132	1,096	88	1,184
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	3,631	1,147	4,778	4,288	1,354	5,642	4,336	1,369	5,705
<b>Electric power construction — Réseaux électriques</b>	<b>267,687</b>	<b>23,171</b>	<b>290,858</b>	<b>320,028</b>	<b>23,213</b>	<b>343,241</b>	<b>448,471</b>	<b>27,817</b>	<b>476,288</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	103,420	6,020	109,440	130,395	6,608	137,003	298,914	8,750	307,664
46. Electric transformer stations — Postes de transformation	299	118	417	243	110	353	1,123	120	1,243
47. Power transmission and distribution lines, trolley wires <sup>10</sup> — Lignes de transport et de distribution, caténaires <sup>10</sup>	161,133	16,477	177,610	185,864	15,946	201,810	144,155	18,206	162,361
48. Street lighting — Éclairage (rues)	2,835	556	3,391	3,526	549	4,075	4,279	741	5,020
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>68,896</b>	<b>38,612</b>	<b>107,508</b>	<b>81,977</b>	<b>41,735</b>	<b>123,712</b>	<b>97,700</b>	<b>44,743</b>	<b>142,443</b>
49. Railway tracks and roadbeds <sup>10</sup> — Rails et chaussées <sup>10</sup>	11,170	19,136	30,306	11,615	22,197	33,812	14,068	23,161	37,229
50. Signals and interlockers — Signaux et dispositifs d'enclanchement	1,500	3,036	4,536	1,346	1,660	3,006	1,635	1,701	3,336
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	56,226	16,440	72,666	69,016	17,878	86,894	81,997	19,881	101,878
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>67,213</b>	<b>19,038</b>	<b>86,251</b>	<b>79,525</b>	<b>20,358</b>	<b>99,883</b>	<b>69,415</b>	<b>25,085</b>	<b>94,500</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	7,659	1,620	9,279	8,293	1,224	9,517	12,030	2,012	14,042
53. Pumping stations, oil — Stations de pompage (pétrole)	—	65	65	140	57	197	48	49	97
54. Pumping stations, gas — Stations de pompage (gaz)	186	178	364	983	241	1,224	1,872	310	2,182
55. Oil storage tanks — Réservoirs (pétrole)	7,427	1,037	8,464	6,403	1,291	7,694	10,088	1,221	11,309
56. Gas storage tanks — Réservoirs (gaz)	1,350	128	1,478	2,519	181	2,700	1,044	136	1,180
57. Oil pipe lines — Pipe-lines (pétrole)	1,001	2,738	3,739	3,927	616	4,543	917	532	1,449
58. Gas pipe lines — Pipe-lines (gaz)	62	20	82	2,423	21	2,444	54	13	67
59. Oil and gas wells — Puits de pétrole et de gaz	2,924	—	2,924	8,293	4	8,297	5,490	35	5,525
61. Oil refinery — Processing units — Rafineries de pétrole — Installations de traitement	46,604	13,252	59,856	46,542	16,723	63,265	37,862	20,727	58,589
62. Natural gas processing plants — Usines d'épuration de gaz naturel	—	—	—	2	—	2	10	50	60
<b>Other engineering construction — Autres travaux de génie</b>	<b>182,189</b>	<b>26,034</b>	<b>208,223</b>	<b>126,265</b>	<b>25,923</b>	<b>152,188</b>	<b>101,833</b>	<b>27,822</b>	<b>129,655</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	24,029	16,244	40,273	21,758	16,659	38,417	21,000	17,973	38,973
64. Tunnels and subways — Tunnels et voies souterraines	269	827	1,096	10	20	30	—	106	106
65. Incinerators — Incinérateurs	16	4	20	44	4	48	—	4	4
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	4,232	348	4,580	4,541	371	4,912	4,890	425	5,315
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	402	23	425	559	24	583	1,268	23	1,291
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	38,526	535	39,061	29,389	288	29,677	30,260	407	30,667
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	5,008	2,003	7,011	5,955	2,047	8,002	6,254	2,053	8,307
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	109,707	6,050	115,757	64,009	6,510	70,519	38,161	6,831	44,992



TABLE 23. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Ontario, 1971-1973<sup>1,10,11,18</sup>

TABLEAU 23. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Ontario, 1971-1973<sup>1,10,11,18</sup>

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Construction — Total — Travaux de construction</b>	<b>4,661,922</b>	<b>934,982</b>	<b>5,596,904</b>	<b>5,246,560</b>	<b>985,980</b>	<b>6,232,540</b>	<b>5,381,040</b>	<b>1,077,909</b>	<b>6,458,949</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>3,100,983</b>	<b>648,839</b>	<b>3,749,822</b>	<b>3,505,881</b>	<b>700,753</b>	<b>4,206,634</b>	<b>3,464,864</b>	<b>765,142</b>	<b>4,230,006</b>
<b>Residential — Habitations</b>	<b>1,642,184</b>	<b>381,061</b>	<b>2,023,245</b>	<b>2,039,828</b>	<b>416,086</b>	<b>2,455,914</b>	<b>1,947,203</b>	<b>456,731</b>	<b>2,403,934</b>
<b>Industrial — Bâtiments industriels</b>	<b>254,350</b>	<b>96,804</b>	<b>351,154</b>	<b>265,257</b>	<b>88,589</b>	<b>353,846</b>	<b>273,571</b>	<b>92,115</b>	<b>365,686</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	222,593	76,147	298,740	241,922	82,772	324,694	262,274	85,335	347,609
3. Mine and mine mill buildings <sup>10</sup> — mines (bâtiments et usines) <sup>10</sup>	26,165	14,818	40,983	19,888	45	19,933	6,503	45	6,548
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	4,047	3,501	7,548	2,020	3,488	5,508	2,974	3,975	6,949
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	1,545	2,338	3,883	1,427	2,284	3,711	1,820	2,760	4,580
<b>Commercial — Bâtiments commerciaux</b>	<b>564,364</b>	<b>87,017</b>	<b>651,381</b>	<b>621,831</b>	<b>84,318</b>	<b>706,149</b>	<b>738,568</b>	<b>94,484</b>	<b>833,052</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigorifiques, etc.	24,635	7,686	32,321	32,561	7,709	40,270	42,623	8,273	50,896
7. Grain elevators — Silos à grain	291	459	750	470	747	1,217	2,829	1,314	4,143
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	96,591	7,104	103,695	52,569	5,775	58,344	62,821	6,567	69,388
9. Office buildings — Édifices à bureaux	276,081	40,414	316,495	301,806	39,912	341,718	314,003	45,834	359,837
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	96,832	15,204	112,036	160,798	15,267	176,065	216,741	15,441	232,182
11. Garages and service stations — Garages et stations-service	31,324	10,865	42,189	26,556	10,605	37,161	40,830	11,603	52,433
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, établissements récréatifs	38,046	4,762	42,808	44,710	3,868	48,578	58,335	4,985	63,320
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de nettoyage à sec	564	523	1,087	2,361	435	2,796	386	467	853
<b>Institutional — Édifices institutionnels</b>	<b>503,541</b>	<b>42,527</b>	<b>546,068</b>	<b>435,767</b>	<b>57,600</b>	<b>493,367</b>	<b>364,481</b>	<b>64,612</b>	<b>429,093</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	324,594	25,111	349,705	264,031	28,827	292,858	192,358	30,496	222,854
15. Churches and other religious buildings — Églises et autres édifices religieux	5,576	2,455	8,031	5,715	2,640	8,355	4,834	2,335	7,169
16. Hospitals, sanatoria, clinics, first-aid stations, etc. — Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	125,744	10,097	135,841	109,830	14,859	124,689	116,652	17,480	134,132
17. Other institutional buildings — Autres édifices institutionnels	47,627	4,864	52,491	56,191	11,274	67,465	50,637	14,301	64,938
<b>Other building construction — Autres bâtiments</b>	<b>136,544</b>	<b>41,430</b>	<b>177,974</b>	<b>143,198</b>	<b>54,160</b>	<b>197,358</b>	<b>141,041</b>	<b>57,200</b>	<b>198,241</b>
18. Farm buildings (excluding dwellings) — Bâtiments de ferme (à l'exception des logements)	49,183	25,947	75,130	56,367	29,709	86,076	57,900	31,165	89,065
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	15,927	4,471	20,398	19,259	3,467	22,726	19,830	3,799	23,629
20. Aeroplane hangars — Hangars d'avion	7,288	1,273	8,561	1,101	442	1,543	778	539	1,317
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	19,914	253	20,167	29,351	123	29,474	24,837	132	24,969
22. Armouries, barracks, drill halls, etc. — Manèges militaires, casernes, salles d'exercice, etc.	2,245	1,904	4,149	634	1,446	2,080	629	1,620	2,249
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dépôts et camps de bûcherons	752	648	1,400	426	488	914	855	540	1,395
24. Laboratories — Laboratoires	11,767	2,836	14,603	19,527	2,011	21,538	15,630	2,260	17,890
25. Other building construction <sup>10</sup> — Autres bâtiments <sup>10</sup>	29,468	4,098	33,566	16,533	16,474	33,007	20,582	17,145	37,727
<b>Engineering construction — Total — Travaux de génie</b>	<b>1,560,939</b>	<b>286,143</b>	<b>1,847,082</b>	<b>1,740,679</b>	<b>285,227</b>	<b>2,025,906</b>	<b>1,916,176</b>	<b>312,767</b>	<b>2,228,943</b>
<b>Marine construction — Génie maritime</b>	<b>21,917</b>	<b>3,872</b>	<b>25,789</b>	<b>27,196</b>	<b>3,539</b>	<b>30,735</b>	<b>24,714</b>	<b>4,893</b>	<b>29,607</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	2,170	1,831	4,001	3,551	935	4,486	4,404	1,129	5,533
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	952	89	1,041	3,286	200	3,486	3,083	785	3,868
28. Canals and waterways — Canaux et voies navigables	16,693	1,251	17,944	17,222	1,632	18,854	14,147	999	15,146
29. Dredging and pile driving — Dragage et battage de pieux	862	329	1,191	2,018	228	2,246	985	231	1,216
30. Dyke construction — Construction de digues	213	7	220	153	8	161	542	12	554
31. Logging booms — Estacades	5	21	26	—	55	55	—	35	35
32. Other marine construction — Autres constructions maritimes	1,022	344	1,366	966	481	1,447	1,553	1,702	3,255

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.

**TABLE 23. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Ontario, 1971-1973<sup>1,10,11,12</sup> — Concluded**

**TABLEAU 23. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Ontario, 1971-1973<sup>1,10,11,12</sup> — fin**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>381,843</b>	<b>68,321</b>	<b>450,164</b>	<b>402,730</b>	<b>70,363</b>	<b>473,093</b>	<b>439,894</b>	<b>74,842</b>	<b>514,736</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	361,479	64,533	426,012	381,531	66,704	448,235	415,909	70,614	486,523
34. Parking lots — Trottoirs, allées	7,991	1,613	9,604	6,277	1,539	7,816	9,686	1,498	11,184
36. Sidewalks, paths — Trottoirs, allées	7,146	2,070	9,216	8,627	2,011	10,638	8,225	2,614	10,839
37. Aerodromes, landing fields, runways, tarmac — Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	5,227	105	5,332	6,295	109	6,404	6,074	116	6,190
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>220,609</b>	<b>22,011</b>	<b>242,620</b>	<b>263,280</b>	<b>24,974</b>	<b>288,254</b>	<b>299,405</b>	<b>26,096</b>	<b>325,501</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	58,424	5,739	64,163	88,322	6,819	95,141	99,888	7,428	107,316
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	47,806	8,720	56,526	78,583	10,050	88,633	84,037	9,588	93,625
40. Sewage systems and connections — Systèmes d'égouts et embranchements	96,160	5,795	101,955	87,223	6,393	93,616	101,489	7,176	108,665
41. Pumping stations, water — Stations de pompage (eau)	16,299	1,116	17,415	7,581	1,170	8,751	11,227	1,323	12,550
42. Water storage tanks — Réservoirs (eau)	1,920	641	2,561	1,571	542	2,113	2,764	581	3,345
<b>Dams and irrigation — Barrage et irrigation</b>	<b>15,882</b>	<b>4,363</b>	<b>20,245</b>	<b>23,828</b>	<b>4,073</b>	<b>27,901</b>	<b>18,154</b>	<b>4,468</b>	<b>22,622</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	10,062	1,198	11,260	15,056	430	15,486	10,902	648	11,550
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	5,820	3,165	8,985	8,772	3,643	12,415	7,252	3,820	11,072
<b>Electric power construction — Réseaux électriques</b>	<b>298,504</b>	<b>60,415</b>	<b>358,919</b>	<b>334,143</b>	<b>49,735</b>	<b>383,878</b>	<b>423,450</b>	<b>59,012</b>	<b>482,462</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	151,400	15,944	167,344	177,309	16,423	193,732	222,077	20,224	242,301
46. Electric transformer stations — Postes de transformation	2,833	403	3,236	874	196	1,070	1,127	249	1,376
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	139,465	42,464	181,929	149,971	30,136	180,107	194,618	36,753	231,371
48. Street lighting — Éclairage (rues)	4,806	1,604	6,410	5,989	2,980	8,969	5,628	1,786	7,414
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>144,598</b>	<b>69,625</b>	<b>214,223</b>	<b>151,816</b>	<b>82,069</b>	<b>233,885</b>	<b>167,193</b>	<b>92,227</b>	<b>259,420</b>
49. Railway tracks and roadbeds — Rails et chaussées	35,659	40,234	75,893	33,609	51,496	85,105	43,902	55,119	99,021
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	4,391	6,514	10,905	3,437	4,928	8,365	4,561	5,415	9,976
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	104,548	22,877	127,425	114,770	25,645	140,415	118,730	31,693	150,423
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>107,380</b>	<b>26,076</b>	<b>133,456</b>	<b>116,063</b>	<b>20,367</b>	<b>136,430</b>	<b>145,540</b>	<b>20,175</b>	<b>165,715</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	46,116	4,008	50,124	59,147	4,367	63,514	51,268	4,556	55,824
53. Pumping stations, oil — Stations de pompage (pétrole)	5,387	679	6,066	1,247	543	1,790	2,332	478	2,810
54. Pumping stations, gas — Stations de pompage (gaz)	77	218	295	—	268	268	—	—	—
55. Oil storage tanks — Réservoirs (pétrole)	3,770	1,264	5,034	3,671	1,173	4,844	11,423	1,337	12,760
56. Gas storage tanks — Réservoirs (gaz)	81	17	98	25	2	27	—	1	1
57. Oil pipe lines — Pipe-lines (pétrole)	8,272	934	9,206	2,053	873	2,926	5,380	981	6,361
58. Gas pipe lines <sup>10</sup> — Pipe-lines (gaz) <sup>10</sup>	5,102	369	5,471	8,231	483	8,714	6,283	311	6,594
59. Oil and gas wells — Puits de pétrole et de gaz	3,646	1,892	5,538	5,040	780	5,820	5,267	751	6,018
61. Oil refinery — Processing units — Raffineries de pétrole — Installations de traitement	29,632	16,314	45,946	36,649	11,878	48,527	63,587	11,760	75,347
62. Natural gas processing plants <sup>10</sup> — Usines d'épuration de gaz naturel <sup>10</sup>	5,297	381	5,678	—	—	—	—	—	—
<b>Other engineering construction — Autres travaux de génie</b>	<b>370,206</b>	<b>31,460</b>	<b>401,666</b>	<b>421,623</b>	<b>30,107</b>	<b>451,730</b>	<b>397,826</b>	<b>31,054</b>	<b>428,880</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	45,499	7,476	52,975	42,311	7,054	49,365	40,837	5,950	46,787
64. Tunnels and subways — Tunnels et voies souterraines	42,380	414	42,794	40,890	551	41,441	29,004	167	29,171
65. Incinerators — Incinérateurs	4,264	321	4,585	2,150	491	2,641	2,336	518	2,854
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	15,153	4,152	19,305	15,865	3,879	19,744	20,209	4,174	24,383
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	4,185	538	4,723	4,205	298	4,503	5,556	307	5,863
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	83,293	748	84,041	68,570	439	69,009	92,432	459	92,891
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	9,018	4,886	13,904	9,026	5,299	14,325	9,567	5,664	15,231
70. Other engineering construction <sup>10</sup> — Autres travaux de génie <sup>10</sup>	166,414	12,925	179,339	238,606	12,096	250,702	197,885	13,815	211,700



**TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure —  
Manitoba, 1971 - 1973<sup>1,10,11</sup>**

**TABLEAU 24. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Manitoba, 1971 - 1973<sup>1,10,11</sup>**

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Construction — Total — Travaux de construction</b>	<b>548,281</b>	<b>122,789</b>	<b>671,070</b>	<b>610,353</b>	<b>134,593</b>	<b>744,946</b>	<b>697,616</b>	<b>141,974</b>	<b>839,590</b>
<b>Building construction — Total — Construction de bâtiments</b>	<b>298,561</b>	<b>75,486</b>	<b>374,047</b>	<b>323,710</b>	<b>79,202</b>	<b>402,912</b>	<b>360,572</b>	<b>83,256</b>	<b>443,828</b>
<b>Residential — Habitations</b>	<b>159,596</b>	<b>47,884</b>	<b>207,480</b>	<b>177,756</b>	<b>49,408</b>	<b>227,164</b>	<b>201,499</b>	<b>52,517</b>	<b>254,016</b>
<b>Industrial — Bâtiments industriels</b>	<b>19,437</b>	<b>7,894</b>	<b>27,331</b>	<b>15,636</b>	<b>5,456</b>	<b>21,092</b>	<b>18,710</b>	<b>5,816</b>	<b>24,526</b>
2. Factories, plants, workshops, food canneries — Manufactures, usines, ateliers, conserveries	14,997	4,083	19,080	13,757	3,851	17,608	16,619	4,076	20,695
3. Mine and mine mill buildings <sup>10</sup> — Mines (bâti- ments et usines) <sup>10</sup>	1,910	1,215	3,125	48	8	56	—	8	8
4. Railway stations, offices, roadway buildings — Chemins de fer (gares, bureaux et bâtiments de voies)	1,401	1,398	2,799	1,415	1,075	2,490	1,507	1,159	2,666
5. Railway shops, engine houses, water and fuel stations — Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combust- tible)	1,129	1,198	2,327	416	522	938	584	573	1,157
<b>Commercial — Bâtiments commerciaux</b>	<b>45,086</b>	<b>9,239</b>	<b>54,325</b>	<b>49,475</b>	<b>9,237</b>	<b>58,712</b>	<b>59,926</b>	<b>9,093</b>	<b>69,019</b>
6. Warehouses, storehouses, refrigerated storage, etc. — Entrepôts, magasins, entrepôts frigo- rifiques, etc.	1,944	790	2,734	2,960	1,303	4,263	9,201	1,829	11,030
7. Grain elevators — Silos à grain	239	219	458	570	321	891	770	363	1,133
8. Hotels, clubs, restaurants, cafeterias, tourist cabins — Hôtels, clubs, restaurants, cafété- rias, cabines pour touristes	5,766	1,406	7,172	6,778	987	7,765	7,402	1,031	8,433
9. Office buildings — Édifices à bureaux	17,471	3,068	20,539	23,010	2,703	25,713	31,576	2,527	34,103
10. Stores, retail and wholesale — Magasins, vente de détail et de gros	10,654	1,901	12,555	8,576	2,377	10,953	4,281	1,434	5,715
11. Garages and service stations — Garages et stations-service	2,660	1,264	3,924	4,081	1,121	5,202	4,601	1,530	6,131
12. Theatres, arenas, amusement and recreational buildings — Théâtres, cinémas, stades, éta- blissements récréatifs	6,123	545	6,668	3,493	383	3,876	2,069	338	2,407
13. Laundries and dry cleaning establishments — Blanchisseries et établissements de net- toyage à sec	229	46	275	7	42	49	26	41	67
<b>Institutional — Édifices institutionnels</b>	<b>54,232</b>	<b>4,895</b>	<b>59,127</b>	<b>49,548</b>	<b>8,131</b>	<b>57,679</b>	<b>53,506</b>	<b>7,556</b>	<b>61,062</b>
14. Schools and other educational buildings — Écoles et autres maisons d'enseignement	30,572	2,725	33,297	24,730	5,443	30,173	23,472	5,488	28,960
15. Churches and other religious buildings — Égli- ses et autres édifices religieux	1,434	237	1,671	1,481	194	1,675	231	206	437
16. Hospitals, sanatoria, clinics, first-aid sta- tions, etc. — Hôpitaux, sanatoriums, clini- ques, postes de premiers soins, etc.	15,298	1,530	16,828	20,370	2,068	22,438	28,826	1,655	30,481
17. Other institutional buildings — Autres édifices institutionnels	6,928	403	7,331	2,967	426	3,393	977	207	1,184
<b>Other building construction — Autres bâtiments</b>	<b>20,210</b>	<b>5,574</b>	<b>25,784</b>	<b>31,295</b>	<b>6,970</b>	<b>38,265</b>	<b>26,931</b>	<b>8,274</b>	<b>35,205</b>
18. Farm buildings (excluding dwellings) — Bâti- ments de ferme (à l'exception des logements)	10,605	3,541	14,146	11,818	3,957	15,775	13,473	5,434	18,907
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges — Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'an- tenne, centraux téléphoniques	1,189	568	1,757	1,950	670	2,620	2,264	577	2,841
20. Aeroplane hangars — Hangars d'avion	92	303	395	69	174	243	53	160	213
21. Passenger terminals, bus, boat or air — Gares routières, aéroports, gares maritimes	21	77	98	21	71	92	288	75	363
22. Armouries, barracks, drill halls, etc. — Manè- ges militaires, casernes, salles d'exercice, etc.	45	346	391	52	347	399	40	366	406
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps — Dortoirs, cuisines, dé- pôts et camps de bûcherons	128	50	178	146	88	234	140	119	259
24. Laboratories — Laboratoires	5,174	240	5,414	6,041	281	6,322	4,640	285	4,925
25. Other building construction <sup>10</sup> — Autres bâti- ments <sup>10</sup>	2,956	449	3,405	11,198	1,382	12,580	6,033	1,258	7,291
<b>Engineering construction — Total — Tra- vaux de génie</b>	<b>249,720</b>	<b>47,303</b>	<b>297,023</b>	<b>286,643</b>	<b>55,391</b>	<b>342,034</b>	<b>337,044</b>	<b>58,718</b>	<b>395,762</b>
<b>Marine construction — Génie maritime</b>	<b>2,501</b>	<b>464</b>	<b>2,965</b>	<b>1,790</b>	<b>1,773</b>	<b>3,563</b>	<b>7,229</b>	<b>1,185</b>	<b>8,414</b>
26. Docks, wharves, piers, breakwaters — Bassins, quais, jetées, brise-lames	204	247	451	180	444	624	2,203	235	2,438
27. Retaining walls, embankments, riprapping — Murs de soutènement, digues, enrochements	—	51	51	24	51	75	20	58	78
28. Canals and waterways — Canaux et voies na- vigables	2,117	73	2,190	1,483	1,224	2,707	1,611	834	2,445
29. Dredging and pile driving — Dragage et bat- tage de pieux	—	—	—	—	1	1	3,016	2	3,018
30. Dyke construction — Construction de digues	91	92	183	—	52	52	—	55	55
31. Logging booms — Estacades	—	—	—	—	—	—	—	—	—
32. Other marine construction — Autres construc- tions maritimes	89	1	90	103	1	104	379	1	380

See footnote(s) on page 47. — Voir renvoi(s) à la page 47.



TABLE 24. Total Value of Construction Work Performed — New and Repair by Type of Structure —

Manitoba, 1971-1973<sup>1,10,11</sup> — ConcludedTABLEAU 24. Valeur globale des travaux de construction exécutés — Construction neuve et réparations selon le genre de construction —  
Manitoba, 1971-1973<sup>1,10,11</sup> — fin

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
	\$'000								
<b>Road, highway and aerodrome construction — Travaux routiers et aérodromes</b>	<b>51,695</b>	<b>9,286</b>	<b>60,981</b>	<b>45,781</b>	<b>15,693</b>	<b>61,474</b>	<b>53,162</b>	<b>15,747</b>	<b>68,909</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) — Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	50,087	8,841	58,928	44,275	15,302	59,577	49,785	15,443	65,228
34. Parking lots — Terrains de stationnement	482	60	542	315	50	365	2,340	39	2,379
36. Sidewalks, paths — Trottoirs, allées	397	241	638	343	203	546	387	120	507
37. Aerodromes, landing fields, runways, tarmac — Aérodromes, terrains d'atterrissage, pistes d'envol, aires de débarquement	729	144	873	848	138	986	650	145	795
<b>Waterworks and sewage systems — Canalisations et systèmes d'égouts</b>	<b>18,977</b>	<b>4,576</b>	<b>23,553</b>	<b>17,193</b>	<b>3,378</b>	<b>20,571</b>	<b>25,487</b>	<b>3,917</b>	<b>29,404</b>
38. Tile drains, drainage ditches, storm sewers — Drains, fossés de drainage, égouts pluviaux	5,460	2,253	7,713	6,463	1,600	8,063	9,504	1,763	11,267
39. Water mains, hydrants and services — Conduites principales, bouches d'incendie et conduites de branchement	3,820	1,706	5,526	4,782	941	5,723	5,506	1,113	6,619
40. Sewage systems and connections — Systèmes d'égouts et embranchements	5,288	326	5,614	5,259	489	5,748	7,638	650	8,288
41. Pumping stations, water — Stations de pompage (eau)	4,039	224	4,263	248	256	504	2,506	301	2,807
42. Water storage tanks — Réservoirs (eau)	370	67	437	441	92	533	333	90	423
<b>Dams and irrigation — Barrage et irrigation</b>	<b>2,596</b>	<b>763</b>	<b>3,359</b>	<b>2,579</b>	<b>1,082</b>	<b>3,661</b>	<b>2,777</b>	<b>1,079</b>	<b>3,856</b>
43. Dams and reservoirs — Barrages et barrages-réservoirs	1,298	324	1,622	1,130	599	1,729	1,124	413	1,537
44. Irrigation and land reclamation projects — Irrigation et mise en valeur des terres	1,298	439	1,737	1,449	483	1,932	1,653	666	2,319
<b>Electric power construction — Réseaux électriques</b>	<b>86,525</b>	<b>1,981</b>	<b>88,506</b>	<b>90,776</b>	<b>1,209</b>	<b>91,985</b>	<b>126,268</b>	<b>1,136</b>	<b>127,404</b>
45. Electric power generating plants, including water conveying and controlling structures — Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	46,614	587	47,201	44,435	320	44,755	96,581	180	96,761
46. Electric transformer stations — Postes de transformation	8,534	4	8,538	11,800	8	11,808	5,080	8	5,088
47. Power transmission and distribution lines, trolley wires — Lignes de transport et de distribution, caténaires	31,190	693	31,883	34,243	694	34,937	24,196	755	24,951
48. Street lighting — Eclairage (rues)	187	697	884	298	187	485	411	193	604
<b>Railway, telephone and telegraph — Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>20,975</b>	<b>19,388</b>	<b>40,363</b>	<b>24,424</b>	<b>23,578</b>	<b>48,002</b>	<b>28,537</b>	<b>26,120</b>	<b>54,657</b>
49. Railway tracks and roadbeds — Rails et chaussées	10,165	13,035	23,200	12,356	17,346	29,702	15,315	18,333	33,648
50. Signals and interlockers — Signaux et dispositifs d'enclenchement	1,073	1,758	2,831	1,023	1,286	2,309	1,436	1,414	2,850
51. Telegraph and telephone lines, underground and marine cables — Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	9,737	4,595	14,332	11,045	4,946	15,991	11,786	6,373	18,159
<b>Gas and oil facilities — Installations de gaz et de pétrole</b>	<b>29,010</b>	<b>3,581</b>	<b>32,591</b>	<b>61,464</b>	<b>4,136</b>	<b>65,600</b>	<b>63,289</b>	<b>5,082</b>	<b>68,371</b>
52. Gas mains and services — Conduites principales et conduites de branchement (gaz)	3,759	735	4,494	4,537	864	5,401	4,764	937	5,701
53. Pumping stations, oil — Stations de pompage (pétrole)	3,048	230	3,278	2,240	205	2,445	3,397	237	3,634
54. Pumping stations, gas — Stations de pompage (gaz)	—	34	34	—	79	79	—	—	—
55. Oil storage tanks — Réservoirs (pétrole)	1,015	367	1,382	275	246	521	797	275	1,072
56. Gas storage tanks — Réservoirs (gaz)	110	—	110	—	—	—	—	—	—
57. Oil pipe lines — Pipe-lines (pétrole)	61	161	222	12,881	456	13,337	17,762	1,419	19,181
58. Gas pipe lines — Pipe-lines (gaz)	19,789	43	19,832	38,976	56	39,032	26,661	5	26,666
59. Oil and gas wells — Puits de pétrole et de gaz	706	551	1,257	970	673	1,643	9,001	683	9,684
61. Oil refinery — Processing units — Rafineries de pétrole — Installations de traitement	522	1,460	1,982	1,235	1,536	2,771	884	1,504	2,388
62. Natural gas processing plants — Usines d'épuration de gaz naturel	—	—	—	350	21	371	23	22	45
<b>Other engineering construction — Autres travaux de génie</b>	<b>37,441</b>	<b>7,264</b>	<b>44,705</b>	<b>42,636</b>	<b>4,542</b>	<b>47,178</b>	<b>30,295</b>	<b>4,452</b>	<b>34,747</b>
63. Bridges, trestles, culverts, overpasses, viaducts — Ponts, chevalets, ponceaux, voies supérieures, viaducs	5,454	2,193	7,647	9,380	1,375	10,755	3,184	1,574	4,758
64. Tunnels and subways — Tunnels et voies souterraines	245	1	246	1,401	3	1,404	336	1	337
65. Incinerators — Incinérateurs	—	46	46	5	23	28	10	2	12
66. Park systems, landscaping, sodding, etc. — Parcs, aménagement paysager, gazonnement, etc.	4,454	679	5,133	6,493	432	6,925	3,559	339	3,898
67. Swimming pools, tennis courts, outdoor recreation facilities — Piscines, courts de tennis, installations récréatives extérieures	93	89	182	949	18	967	2,116	19	2,135
68. Mine shafts and other below surface workings — Puits de mine et autres ouvrages souterrains	22,470	1,368	23,838	18,458	642	19,100	16,951	419	17,370
69. Fences, snowsheds, signs, guard rails — Clôtures, abris à neige, enseignes, garde-fous	2,027	861	2,888	3,691	765	4,456	2,257	1,009	3,266
70. Other engineering construction — Autres travaux de génie	2,698	2,027	4,725	2,259	1,284	3,543	1,882	1,089	2,971

TABLE 25. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
Saskatchewan, 1971-1973<sup>1,11</sup>

TABLEAU 25. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Saskatchewan, 1971-1973<sup>1,11</sup>

Type of structure - Genre de construction	1971			1972			1973		
	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total
\$'000									
<b>Construction - Total - Travaux de construction</b>	<b>394,866</b>	<b>140,288</b>	<b>535,154</b>	<b>425,572</b>	<b>151,896</b>	<b>577,468</b>	<b>453,733</b>	<b>166,056</b>	<b>619,789</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>162,071</b>	<b>72,751</b>	<b>234,822</b>	<b>183,010</b>	<b>74,436</b>	<b>257,446</b>	<b>206,493</b>	<b>81,178</b>	<b>287,671</b>
<b>Residential - Habitations</b>	<b>59,689</b>	<b>48,170</b>	<b>107,859</b>	<b>85,087</b>	<b>48,489</b>	<b>133,576</b>	<b>103,201</b>	<b>50,534</b>	<b>153,735</b>
<b>Industrial - Bâtiments industriels</b>	<b>9,680</b>	<b>4,080</b>	<b>13,760</b>	<b>9,601</b>	<b>3,624</b>	<b>13,225</b>	<b>9,113</b>	<b>4,149</b>	<b>13,262</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	8,100	1,696	9,796	8,349	1,908	10,257	5,443	2,186	7,629
3. Mine and mine mill buildings - Mines (bâtiments et usines)	491	847	1,338	274	490	764	2,297	615	2,912
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	670	1,002	1,672	584	732	1,316	820	805	1,625
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	419	535	954	394	494	888	553	543	1,096
<b>Commercial - Bâtiments commerciaux</b>	<b>23,624</b>	<b>7,192</b>	<b>30,816</b>	<b>29,249</b>	<b>8,370</b>	<b>37,619</b>	<b>29,202</b>	<b>10,614</b>	<b>39,816</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigorifiques, etc.	3,256	1,218	4,474	2,140	879	3,019	2,117	829	2,946
7. Grain elevators - Silos à grain	1,020	910	1,930	2,232	1,367	3,599	3,088	1,548	4,636
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	1,579	732	2,311	2,760	868	3,628	494	836	1,330
9. Office buildings - Édifices à bureaux	4,844	886	5,730	4,035	1,507	5,542	9,240	3,012	12,252
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	7,830	1,984	9,814	10,745	2,057	12,802	6,169	2,110	8,279
11. Garages and service stations - Garages et stations-service	2,384	1,112	3,496	5,173	1,123	6,296	5,248	1,391	6,639
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, établissements récréatifs	2,711	343	3,054	2,164	557	2,721	2,846	874	3,720
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de nettoyage à sec	-	7	7	-	12	12	-	14	14
<b>Institutional - Édifices institutionnels</b>	<b>43,453</b>	<b>3,375</b>	<b>46,828</b>	<b>32,319</b>	<b>4,093</b>	<b>36,412</b>	<b>31,926</b>	<b>4,598</b>	<b>36,524</b>
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	23,950	1,916	25,866	24,238	2,496	26,734	20,479	3,096	23,575
15. Churches and other religious buildings - Églises et autres édifices religieux	303	93	396	791	116	907	263	98	361
16. Hospitals, sanatoria, clinics, first-aid stations, etc. - Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	11,770	1,097	12,867	4,387	1,069	5,456	6,160	1,114	7,274
17. Other institutional buildings - Autres édifices institutionnels	7,430	269	7,699	2,903	412	3,315	5,024	290	5,314
<b>Other building construction - Autres bâtiments</b>	<b>25,625</b>	<b>9,934</b>	<b>35,559</b>	<b>26,754</b>	<b>9,860</b>	<b>36,614</b>	<b>33,051</b>	<b>11,283</b>	<b>44,334</b>
18. Farm buildings (excluding dwellings) - Bâtiments de ferme (à l'exception des logements)	22,216	8,914	31,130	21,872	8,754	30,626	25,352	10,182	35,534
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	1,386	310	1,696	520	312	832	4,147	338	4,485
20. Aeroplane hangars - Hangars d'avion	118	97	215	119	123	242	142	190	332
21. Passenger terminals, bus, boat or air - Gares routières, aéroports, gares maritimes	-	63	63	22	68	90	574	46	620
22. Armouries, barracks, drill halls, etc. - Manèges militaires, casernes, salles d'exercice, etc.	794	108	902	804	84	888	987	100	1,087
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dépôts et camps de bûcherons	184	98	282	868	90	958	125	92	217
24. Laboratories - Laboratoires	80	36	116	1,054	95	1,149	154	35	189
25. Other building construction - Autres bâtiments	847	308	1,155	1,495	334	1,829	1,570	300	1,870
<b>Engineering construction - Total - Travaux de génie</b>	<b>232,795</b>	<b>67,537</b>	<b>300,332</b>	<b>242,562</b>	<b>77,460</b>	<b>320,022</b>	<b>247,240</b>	<b>84,878</b>	<b>332,118</b>
<b>Marine construction - Génie maritime</b>	<b>3,095</b>	<b>258</b>	<b>3,353</b>	<b>2,798</b>	<b>214</b>	<b>3,012</b>	<b>2,402</b>	<b>191</b>	<b>2,593</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	834	200	1,034	210	139	349	235	116	351
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	87	-	87	70	10	80	14	-	14
28. Canals and waterways - Canaux et voies navigables	2,129	57	2,186	2,506	65	2,571	2,038	75	2,113
29. Dredging and pile driving - Dragage et battage de pieux	-	-	-	-	-	-	-	-	-
30. Dyke construction - Construction de digues	43	1	44	10	-	10	112	-	112
31. Logging booms - Estacades	-	-	-	-	-	-	-	-	-
32. Other marine construction - Autres constructions maritimes	2	-	2	2	-	2	3	-	3

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.



TABLE 25. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
Saskatchewan, 1971-1973<sup>1,11</sup> - Concluded

TABLEAU 25. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Saskatchewan, 1971-1973<sup>1,11</sup> - fin

Type of structure Genre de construction	1971			1972			1973		
	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total
\$'000									
Road, highway and aerodrome construction - Travaux routiers et aérodromes	69,944	17,818	87,762	65,713	18,371	84,084	71,918	22,567	94,485
33. Highway, road and street construction (includes grading, scraping, oiling, filling) - Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	69,193	17,486	86,679	64,854	17,833	82,687	71,050	22,183	93,233
34. Parking lots - Terrains de stationnement	136	42	178	189	250	439	130	46	176
36. Sidewalks, paths - Trottoirs, allées	462	177	639	606	196	802	658	240	898
37. Aerodromes, landing fields, runways, tarmac - Aérodomes, terrains d'atterrissage, pistes d'envol, aires de débarquement	153	113	266	64	92	156	80	98	178
Waterworks and sewage systems - Canalisations et systèmes d'égouts	17,433	5,263	22,696	12,851	5,830	18,681	13,863	6,212	20,075
38. Tile drains, drainage ditches, storm sewers - Drains, fossés de drainage, égouts pluviaux	4,905	1,151	6,056	5,607	1,216	6,823	5,651	1,339	6,990
39. Water mains, hydrants and services - Conduites principales, bouches d'incendie et conduites de branchement	4,658	2,074	6,732	4,182	2,231	6,413	3,954	2,467	6,421
40. Sewage systems and connections - Systèmes d'égouts et embranchements	6,927	1,116	8,043	1,796	1,310	3,106	2,246	1,403	3,649
41. Pumping stations, water - Stations de pompage (eau)	399	764	1,163	920	903	1,823	1,205	836	2,041
42. Water storage tanks - Réservoirs (eau)	544	158	702	346	170	516	807	167	974
Dams and irrigation - Barrage et irrigation	5,033	2,220	7,253	5,215	1,911	7,126	6,707	2,223	8,930
43. Dams and reservoirs - Barrages et barrages-réservoirs	1,787	849	2,636	1,807	677	2,484	3,020	783	3,803
44. Irrigation and land reclamation projects - Irrigation et mise en valeur des terres	3,246	1,371	4,617	3,408	1,234	4,642	3,687	1,440	5,127
Electric power construction - Réseaux électriques	15,998	1,552	17,550	16,713	6,837	23,550	13,956	7,623	21,579
45. Electric power generating plants, including water conveying and controlling structures - Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	5,959	576	6,535	5,034	3,261	8,295	3,291	3,972	7,263
46. Electric transformer stations - Postes de transformation	-	3	3	-	2	2	-	2	2
47. Power transmission and distribution lines, trolley wires - Lignes de transport et de distribution, caténaies	9,377	502	9,879	10,641	3,090	13,731	9,815	3,137	12,952
48. Street lighting - Eclairage (rues)	662	471	1,133	1,038	484	1,522	850	512	1,362
Railway, telephone and telegraph - Voies ferrées, lignes téléphoniques et télégraphiques	17,655	14,075	31,730	18,928	18,730	37,658	21,467	19,851	41,318
49. Railway tracks and roadbeds - Rails et chaussées	8,665	11,503	20,168	8,188	16,570	24,758	10,742	17,495	28,237
50. Signals and interlockers - Signaux et dispositifs d'enclenchement	1,020	1,521	2,541	969	1,214	2,183	1,360	1,335	2,695
51. Telegraph and telephone lines, underground and marine cables - Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	7,970	1,051	9,021	9,771	946	10,717	9,365	1,021	10,386
Gas and oil facilities - Installations de gaz et de pétrole	88,222	19,768	107,990	102,240	18,762	121,002	97,379	19,845	117,224
52. Gas mains and services - Conduites principales et conduites de branchement (gaz)	2,695	1,579	4,274	3,855	1,678	5,533	4,024	1,700	5,724
53. Pumping stations, oil - Stations de pompage (pétrole)	10,349	583	10,932	7,353	181	7,534	2,963	330	3,293
54. Pumping stations, gas - Stations de pompage (gaz)	-	90	90	-	122	122	-	-	-
55. Oil storage tanks - Réservoirs (pétrole)	551	237	788	228	199	427	74	162	236
56. Gas storage tanks - Réservoirs (gaz)	-	-	-	-	-	-	-	-	-
57. Oil pipe lines - Pipe-lines (pétrole)	7	314	321	7,684	519	8,203	26,706	1,437	28,143
58. Gas pipe lines - Pipe-lines (gaz)	40,217	118	40,335	50,448	142	50,590	30,031	74	30,105
59. Oil and gas wells - Puits de pétrole et de gaz	32,579	14,465	47,044	30,680	13,957	44,637	32,317	14,366	46,683
61. Oil refinery - Processing units - Raffineries de pétrole - Installations de traitement	291	1,769	2,060	241	1,478	1,719	764	1,320	2,084
62. Natural gas processing plants - Usines d'épuration de gaz naturel	1,533	613	2,146	1,751	486	2,237	500	456	956
Other engineering construction - Autres travaux de génie	15,415	6,583	21,998	18,104	6,805	24,909	19,548	6,366	25,914
63. Bridges, trestles, culverts, overpasses, viaducts - Ponts, chevalets, ponceaux, voies supérieures, viaducs	3,450	783	4,233	6,522	758	7,280	5,416	757	6,173
64. Tunnels and subways - Tunnels et voies souterraines	-	9	9	-	11	11	502	8	510
65. Incinerators - Incinérateurs	22	184	206	25	235	260	475	250	725
66. Park systems, landscaping, sodding, etc. - Parcs, aménagement paysager, gazonnement, etc.	695	633	1,328	1,478	878	2,356	2,101	813	2,914
67. Swimming pools, tennis courts, outdoor recreation facilities - Piscines, courts de tennis, installations récréatives extérieures	560	98	658	1,303	307	1,610	1,387	100	1,487
68. Mine shafts and other below surface workings - Puits de mine et autres ouvrages souterrains	5,022	1,131	6,153	3,291	457	3,748	2,579	178	2,757
69. Fences, snowsheds, signs, guard rails - Clôtures, abris à neige, enseignes, garde-fous	3,863	1,582	5,445	3,803	1,929	5,732	4,821	2,149	6,970
70. Other engineering construction - Autres travaux de génie	1,803	2,163	3,966	1,682	2,230	3,912	2,267	2,111	4,378



TABLE 26. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
Alberta, 1971 - 1973<sup>1,10,11</sup>

TABLEAU 26. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Alberta, 1971 - 1973<sup>1,10,11</sup>

Type of structure - Genre de construction	1971			1972			1973		
	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total
	\$'000								
<b>Construction - Total - Travaux de construction</b>	<b>1,535,913</b>	<b>310,033</b>	<b>1,845,946</b>	<b>1,651,237</b>	<b>314,863</b>	<b>1,966,100</b>	<b>1,829,150</b>	<b>343,528</b>	<b>2,172,678</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>731,159</b>	<b>133,663</b>	<b>864,822</b>	<b>780,052</b>	<b>138,947</b>	<b>918,999</b>	<b>760,161</b>	<b>146,889</b>	<b>907,050</b>
<b>Residential - Habitations</b>	<b>415,773</b>	<b>76,539</b>	<b>492,312</b>	<b>462,982</b>	<b>79,677</b>	<b>542,659</b>	<b>438,423</b>	<b>85,618</b>	<b>524,041</b>
<b>Industrial - Bâtiments industriels</b>	<b>42,691</b>	<b>8,150</b>	<b>50,841</b>	<b>37,631</b>	<b>7,926</b>	<b>45,557</b>	<b>46,210</b>	<b>8,459</b>	<b>54,669</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	38,406	6,343	44,749	36,367	6,530	42,897	44,221	6,832	51,053
3. Mine and mine mill buildings - Mines (bâti- ments et usines)	2,124	32	2,156	261	56	317	585	161	746
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	1,108	1,022	2,130	597	812	1,409	838	888	1,726
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combust- tible)	1,053	753	1,806	406	528	934	566	578	1,144
<b>Commercial - Bâtiments commerciaux</b>	<b>101,513</b>	<b>21,900</b>	<b>123,413</b>	<b>140,155</b>	<b>22,442</b>	<b>162,597</b>	<b>155,811</b>	<b>22,616</b>	<b>178,427</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigo- rifiques, etc.	8,344	1,862	10,206	12,589	1,764	14,353	12,594	1,959	14,553
7. Grain elevators - Silos à grain	586	545	1,131	1,275	783	2,058	1,765	885	2,650
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafété- rias, cabines pour touristes	6,668	1,883	8,551	11,704	1,963	13,667	24,103	2,222	26,325
9. Office buildings - Édifices à bureaux	35,036	5,934	40,970	52,493	9,765	62,258	67,784	10,145	77,929
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	37,258	6,522	43,780	31,362	4,562	35,924	23,151	3,725	26,876
11. Garages and service stations - Garages et stations-service	6,223	2,313	8,536	11,105	1,820	12,925	10,350	1,932	12,282
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, éta- blissements récréatifs	7,180	2,598	9,778	19,375	1,688	21,063	15,940	1,639	17,579
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de net- toyage à sec	218	243	461	252	97	349	124	109	233
<b>Institutional - Édifices institutionnels</b>	<b>123,260</b>	<b>13,454</b>	<b>136,714</b>	<b>88,545</b>	<b>13,635</b>	<b>102,180</b>	<b>64,211</b>	<b>13,763</b>	<b>77,974</b>
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	97,443	9,204	106,647	69,606	8,290	77,896	42,026	7,996	50,022
15. Churches and other religious buildings - Égli- ses et autres édifices religieux	1,584	246	1,830	928	240	1,168	547	213	760
16. Hospitals, sanatoria, clinics, first-aid sta- tions, etc. - Hôpitaux, sanatoriums, clini- ques, postes de premiers soins, etc.	13,759	3,606	17,365	7,256	2,591	9,847	10,752	2,746	13,498
17. Other institutional buildings - Autres édifices institutionnels	10,474	398	10,872	10,755	2,514	13,269	10,886	2,808	13,694
<b>Other building construction - Autres bâtiments</b>	<b>47,922</b>	<b>13,620</b>	<b>61,542</b>	<b>50,739</b>	<b>15,267</b>	<b>66,006</b>	<b>55,506</b>	<b>16,433</b>	<b>71,939</b>
18. Farm buildings (excluding dwellings) - Bâti- ments de ferme (à l'exception des logements)	34,143	9,127	43,270	37,302	9,953	47,255	40,631	10,765	51,396
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'an- tenne, centraux téléphoniques	4,303	1,441	5,744	6,589	1,642	8,231	6,534	1,852	8,386
20. Aeroplane hangars - Hangars d'avion	457	438	895	672	375	1,047	621	377	998
21. Passenger terminals, bus, boat or air - Gares routières, aéroports, gares maritimes	1,403	81	1,484	627	39	666	678	31	709
22. Armouries, barracks, drill halls, etc. - Ma- nèges militaires, casernes, salles d'exercice, etc.	83	548	631	121	654	775	144	619	763
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dé- pôts et camps de bûcherons	246	115	361	405	117	522	241	194	435
24. Laboratories - Laboratoires	73	24	97	106	7	113	141	8	149
25. Other building construction - Autres bâti- ments	7,214	1,846	9,060	4,917	2,480	7,397	6,516	2,587	9,103
<b>Engineering construction - Total - Tra- vaux de génie</b>	<b>804,754</b>	<b>176,370</b>	<b>981,124</b>	<b>871,185</b>	<b>175,916</b>	<b>1,047,101</b>	<b>1,068,989</b>	<b>196,639</b>	<b>1,265,628</b>
<b>Marine construction - Génie maritime</b>	<b>1,149</b>	<b>124</b>	<b>1,273</b>	<b>2,296</b>	<b>118</b>	<b>2,414</b>	<b>1,620</b>	<b>151</b>	<b>1,771</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	101	112	213	134	91	225	153	98	251
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	178	5	183	284	16	300	71	42	113
28. Canals and waterways - Canaux et voies na- vigables	803	-	803	1,168	-	1,168	1,396	-	1,396
29. Dredging and pile driving - Dragage et bat- tage de pieux	-	-	-	-	-	-	-	-	-
30. Dyke construction - Construction de digues	-	-	-	710	3	713	-	3	3
31. Logging booms - Estacades	-	-	-	-	-	-	-	-	-
32. Other marine construction - Autres construc- tions maritimes	67	7	74	-	8	8	-	8	8

See footnote(s) on page 47. - Voir renvoi(s) à la page 47.

**TABLE 26. Total Value of Construction Work Performed - New and Repair by Type of Structure - Alberta, 1971-1973<sup>1,10,11</sup> - Concluded**

**TABLEAU 26. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction - Alberta, 1971-1973<sup>1,10,11</sup> - fin**

Type of structure - Genre de construction	1971			1972			1973		
	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total	New - Neuve	Repair - Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction - Travaux routiers et aérodromes</b>	<b>105,237</b>	<b>37,959</b>	<b>143,196</b>	<b>93,936</b>	<b>32,629</b>	<b>126,565</b>	<b>115,585</b>	<b>29,914</b>	<b>145,499</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) - Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	100,299	36,516	136,815	87,723	30,894	118,617	108,016	27,406	135,422
34. Parking lots - Terrains de stationnement	388	54	442	506	62	568	289	472	761
36. Sidewalks, paths - Trottoirs, allées	2,181	341	2,522	2,244	546	2,790	3,189	647	3,836
37. Aerodromes, landing fields, runways, tarmac - Aéroports, terrains d'atterrissage, pistes d'envol, aires de débarquement	2,369	1,048	3,417	3,463	1,127	4,590	4,091	1,389	5,480
<b>Waterworks and sewage systems - Canalisations et systèmes d'égouts</b>	<b>38,568</b>	<b>7,173</b>	<b>45,741</b>	<b>59,071</b>	<b>6,746</b>	<b>65,817</b>	<b>66,310</b>	<b>8,528</b>	<b>74,838</b>
38. Tile drains, drainage ditches, storm sewers - Drains, fossés de drainage, égouts pluviaux	12,789	1,227	14,016	16,115	1,340	17,455	18,823	1,971	20,794
39. Water mains, hydrants and services - Conduites principales, bouches d'incendie et conduites de branchement	13,760	3,609	17,369	15,880	3,827	19,707	20,438	4,479	24,917
40. Sewage systems and connections - Systèmes d'égouts et embranchements	10,172	1,387	11,559	18,858	888	19,746	21,628	1,204	22,832
41. Pumping stations, water - Stations de pompage (eau)	1,300	776	2,076	7,512	533	8,045	4,092	673	4,765
42. Water storage tanks - Réservoirs (eau)	547	174	721	706	158	864	1,329	201	1,530
<b>Dams and irrigation - Barrage et irrigation</b>	<b>8,863</b>	<b>2,820</b>	<b>11,683</b>	<b>11,424</b>	<b>2,843</b>	<b>14,267</b>	<b>12,153</b>	<b>3,496</b>	<b>15,649</b>
43. Dams and reservoirs - Barrages et barrages-réservoirs	1,392	611	2,003	3,259	787	4,046	3,253	688	3,941
44. Irrigation and land reclamation projects - Irrigation et mise en valeur des terres	7,471	2,209	9,680	8,165	2,056	10,221	8,900	2,808	11,708
<b>Electric power construction - Réseaux électriques</b>	<b>75,773</b>	<b>6,459</b>	<b>82,232</b>	<b>69,846</b>	<b>7,382</b>	<b>77,228</b>	<b>66,290</b>	<b>6,960</b>	<b>73,250</b>
45. Electric power generating plants, including water conveying and controlling structures - Centrales électriques (y compris les conduites d'eau et les dispositifs de régularisation)	43,116	1,522	44,638	35,977	736	36,713	29,944	774	30,718
46. Electric transformer stations - Postes de transformation	57	72	129	281	55	336	757	43	800
47. Power transmission and distribution lines, trolley wires - Lignes de transport et de distribution, caténaires	31,353	4,295	35,648	32,908	5,928	38,836	34,762	5,364	40,126
48. Street lighting - Éclairage (rues)	1,247	570	1,817	680	663	1,343	827	779	1,606
<b>Railway, telephone and telegraph - Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>43,142</b>	<b>18,131</b>	<b>61,273</b>	<b>43,586</b>	<b>23,089</b>	<b>66,675</b>	<b>48,366</b>	<b>24,821</b>	<b>73,187</b>
49. Railway tracks and roadbeds - Rails et chaussées	11,612	13,062	24,674	15,610	18,214	33,824	18,254	19,279	37,533
50. Signals and interlockers - Signaux et dispositifs d'enclenchement	1,419	1,848	3,267	991	1,259	2,250	1,391	1,383	2,774
51. Telegraph and telephone lines, underground and marine cables - Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	30,111	3,221	33,332	26,985	3,616	30,601	28,721	4,159	32,880
<b>Gas and oil facilities - Installations de gaz et de pétrole</b>	<b>485,659</b>	<b>77,128</b>	<b>562,787</b>	<b>498,177</b>	<b>82,509</b>	<b>580,686</b>	<b>583,278</b>	<b>99,759</b>	<b>683,037</b>
52. Gas mains and services - Conduites principales et conduites de branchement (gaz)	8,373	1,826	10,199	8,326	2,037	10,363	9,319	2,166	11,485
53. Pumping stations, oil - Stations de pompage (pétrole)	6,395	1,110	7,505	6,999	651	7,650	7,722	737	8,459
54. Pumping stations, gas - Stations de pompage (gaz)	8,664	265	8,929	5,458	63	5,521	18,141	84	18,225
55. Oil storage tanks - Réservoirs (pétrole)	6,218	402	6,620	5,344	396	5,740	6,451	483	6,934
56. Gas storage tanks - Réservoirs (gaz)	12	-	12	1,162	12	1,174	31	12	43
57. Oil pipe lines - Pipe-lines (pétrole)	10,865	2,265	13,130	17,466	1,996	19,462	22,215	2,807	25,022
58. Gas pipe lines - Pipe-lines (gaz)	35,739	545	36,284	39,667	309	39,976	34,148	330	34,478
59. Oil and gas wells - Puits de pétrole et de gaz	237,786	40,704	278,490	328,041	44,063	372,104	381,916	57,256	439,172
61. Oil refinery - Processing units <sup>10</sup> - Raffineries de pétrole - Installations de traitement <sup>10</sup>	-	3,156	3,156	-	4,144	4,144	-	4,138	4,138
62. Natural gas processing plants - Usines d'épuration de gaz naturel	171,607	26,855	198,462	85,714	28,838	114,552	103,335	31,746	135,081
<b>Other engineering construction - Autres travaux de génie</b>	<b>46,363</b>	<b>26,576</b>	<b>72,939</b>	<b>92,849</b>	<b>20,600</b>	<b>113,449</b>	<b>175,387</b>	<b>23,010</b>	<b>198,397</b>
63. Bridges, trestles, culverts, overpasses, viaducts - Ponts, chevalets, ponceaux, voies supérieures, viaducs	15,079	6,739	21,818	16,523	4,293	20,816	19,534	3,432	22,966
64. Tunnels and subways - Tunnels et voies souterraines	796	175	971	182	3	185	-	-	-
65. Incinerators - Incinérateurs	-	-	-	1,000	-	1,000	-	-	-
66. Park systems, landscaping, sodding, etc. - Parcs, aménagement paysager, gazonnement, etc.	5,163	3,423	8,586	4,688	685	5,373	6,563	3,701	10,264
67. Swimming pools, tennis courts, outdoor recreation facilities - Piscines, courts de tennis, installations récréatives extérieures	842	1,041	1,883	1,262	244	1,506	3,493	284	3,777
68. Mine shafts and other below surface workings - Puits de mine et autres ouvrages souterrains	5,450	222	5,672	5,392	32	5,424	4,026	16	4,042
69. Fences, snowsheds, signs, guard rails - Clôtures, abris à neige, enseignes, garde-fous	5,763	1,715	7,478	6,061	1,777	7,838	6,707	2,010	8,717
70. Other engineering construction <sup>10</sup> - Autres travaux de génie <sup>10</sup>	13,270	13,261	26,531	57,741	13,566	71,307	135,064	13,567	148,631



TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure -  
British Columbia, 1971-1973<sup>1,10,11,13</sup>

TABLEAU 27. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction -  
Colombie-Britannique, 1971-1973<sup>1,10,11,13</sup>

Type of structure — Genre de construction	1971			1972			1973		
	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total	New — Neuve	Repair — Réparations	Total
\$'000									
<b>Construction - Total - Travaux de construction</b>	<b>2,082,166</b>	<b>303,589</b>	<b>2,385,755</b>	<b>2,167,920</b>	<b>326,081</b>	<b>2,494,001</b>	<b>2,252,462</b>	<b>359,715</b>	<b>2,612,177</b>
<b>Building construction - Total - Construction de bâtiments</b>	<b>1,130,201</b>	<b>179,381</b>	<b>1,309,582</b>	<b>1,183,900</b>	<b>185,895</b>	<b>1,369,795</b>	<b>1,175,089</b>	<b>202,660</b>	<b>1,377,749</b>
<b>Residential - Habitations</b>	<b>588,348</b>	<b>110,922</b>	<b>699,270</b>	<b>700,195</b>	<b>126,137</b>	<b>826,332</b>	<b>696,302</b>	<b>135,012</b>	<b>831,314</b>
<b>Industrial - Bâtiments industriels</b>	<b>173,603</b>	<b>16,655</b>	<b>190,258</b>	<b>103,709</b>	<b>20,688</b>	<b>124,397</b>	<b>66,044</b>	<b>21,757</b>	<b>87,801</b>
2. Factories, plants, workshops, food canneries - Manufactures, usines, ateliers, conserveries	94,025	12,924	106,949	61,993	15,926	77,919	59,009	17,268	76,277
3. Mine and mine mill buildings - Mines (bâtiments et usines)	77,403	1,530	78,933	39,299	3,067	42,366	4,682	2,635	7,317
4. Railway stations, offices, roadway buildings - Chemins de fer (gares, bureaux et bâtiments de voies)	1,543	1,270	2,813	892	999	1,891	997	1,091	2,088
5. Railway shops, engine houses, water and fuel stations - Chemins de fer (ateliers, hangars à locomotives, postes d'eau et de combustible)	632	931	1,563	1,525	696	2,221	1,356	763	2,119
<b>Commercial - Bâtiments commerciaux</b>	<b>185,133</b>	<b>26,304</b>	<b>211,437</b>	<b>218,005</b>	<b>21,139</b>	<b>239,144</b>	<b>239,599</b>	<b>25,175</b>	<b>264,774</b>
6. Warehouses, storehouses, refrigerated storage, etc. - Entrepôts, magasins, entrepôts frigorifiques, etc.	12,765 420	2,526 836	15,291 1,256	13,306 184	2,152 880	15,458 1,064	15,134 239	2,827 853	17,961 1,092
7. Grain elevators - Silos à grain	17,408	2,195	19,603	34,509	1,763	36,272	31,939	2,102	34,041
8. Hotels, clubs, restaurants, cafeterias, tourist cabins - Hôtels, clubs, restaurants, cafétérias, cabines pour touristes	74,937	9,427	84,364	82,196	7,093	89,289	95,499	9,039	104,538
9. Office buildings - Édifices à bureaux	48,800	5,998	54,798	43,278	4,597	47,875	46,791	5,122	51,913
10. Stores, retail and wholesale - Magasins, vente de détail et de gros	13,110	3,153	16,263	19,129	2,965	22,094	20,789	3,648	24,437
11. Garages and service stations - Garages et stations-service	17,310	2,071	19,381	25,199	1,623	26,822	29,008	1,527	30,535
12. Theatres, arenas, amusement and recreational buildings - Théâtres, cinémas, stades, établissements récréatifs	383	98	481	204	66	270	200	57	257
13. Laundries and dry cleaning establishments - Blanchisseries et établissements de nettoyage à sec	125,977	17,382	143,359	121,705	11,171	132,876	115,901	13,265	129,166
14. Schools and other educational buildings - Écoles et autres maisons d'enseignement	74,376	7,619	81,995	76,578	7,540	84,118	79,657	9,372	89,029
15. Churches and other religious buildings - Églises et autres édifices religieux	1,497	378	1,875	1,415	438	1,853	807	372	1,179
16. Hospitals, sanatoria, clinics, first-aid stations, etc. - Hôpitaux, sanatoriums, cliniques, postes de premiers soins, etc.	33,499	5,438	38,937	30,086	2,194	32,280	28,877	2,304	31,181
17. Other institutional buildings - Autres édifices institutionnels	16,605	3,947	20,552	13,626	999	14,625	6,560	1,217	7,777
<b>Other building construction - Autres bâtiments</b>	<b>57,140</b>	<b>8,118</b>	<b>65,258</b>	<b>40,286</b>	<b>6,760</b>	<b>47,046</b>	<b>57,243</b>	<b>7,451</b>	<b>64,694</b>
18. Farm buildings (excluding dwellings) - Bâtiments de ferme (à l'exception des logements)	1,961	559	2,520	5,065	1,336	6,401	4,909	1,293	6,202
19. Broadcasting, radio and television, relay and booster stations, telephone exchanges - Postes de radiodiffusion et de télévision, stations de relais, préamplificateurs d'antenne, centraux téléphoniques	7,202	959	8,161	11,814	1,274	13,088	29,124	1,594	30,718
20. Aeroplane hangars - Hangars d'avion	9,248	597	9,845	1,401	116	1,517	1,551	104	1,655
21. Passenger terminals, bus, boat or air - Gares routières, aéro-gares, gares maritimes	749	108	857	2,256	104	2,360	1,493	90	1,583
22. Armouries, barracks, drill halls, etc. - Manèges militaires, casernes, salles d'exercice, etc.	1,225	228	1,453	1,395	207	1,602	1,781	413	2,194
23. Bunkhouses, dormitories, camp cookeries, bush depots and camps - Dortoirs, cuisines, dépôts et camps de bûcherons	6,293	1,309	7,602	5,574	1,909	7,483	8,548	1,860	10,408
24. Laboratories - Laboratoires	540	731	1,271	347	82	429	872	89	961
25. Other building construction - Autres bâtiments	29,922	3,627	33,549	12,434	1,732	14,166	8,965	2,008	10,973
<b>Engineering construction - Total - Travaux de génie</b>	<b>951,965</b>	<b>124,208</b>	<b>1,076,173</b>	<b>984,020</b>	<b>140,186</b>	<b>1,124,206</b>	<b>1,077,373</b>	<b>157,055</b>	<b>1,234,428</b>
<b>Marine construction - Génie maritime</b>	<b>22,374</b>	<b>6,889</b>	<b>29,263</b>	<b>21,776</b>	<b>6,054</b>	<b>27,830</b>	<b>55,114</b>	<b>6,286</b>	<b>61,400</b>
26. Docks, wharves, piers, breakwaters - Bassins, quais, jetées, brise-lames	11,767	4,197	15,964	10,545	3,357	13,902	27,700	3,259	30,959
27. Retaining walls, embankments, riprapping - Murs de soutènement, digues, enrochements	1,454	24	1,478	2,019	74	2,093	3,892	33	3,925
28. Canals and waterways - Canaux et voies navigables	533	33	566	601	6	607	768	-	768
29. Dredging and pile driving - Dragage et battage de pieux	2,984	1,952	4,936	3,032	1,896	4,928	9,866	2,111	11,977
30. Dyke construction - Construction de digues	2,192	123	2,315	2,820	193	3,013	7,158	267	7,425
31. Logging booms - Estacades	299	305	604	344	281	625	191	356	547
32. Other marine construction - Autres constructions maritimes	3,145	255	3,400	2,415	247	2,662	5,539	260	5,799



TABLE 27. Total Value of Construction Work Performed - New and Repair by Type of Structure -

British Columbia, 1971-1973<sup>1,10,11,12</sup> - Concluded

TABLEAU 27. Valeur globale des travaux de construction exécutés - Construction neuve et réparations selon le genre de construction - Colombie-Britannique, 1971-1973<sup>1,10,11,12</sup> - fin

Type of structure Genre de construction	1971			1972			1973		
	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total	New Neuve	Repair Réparations	Total
\$'000									
<b>Road, highway and aerodrome construction - Travaux routiers et aérodromes</b>	<b>181,981</b>	<b>43,947</b>	<b>225,928</b>	<b>197,994</b>	<b>48,411</b>	<b>246,405</b>	<b>208,020</b>	<b>58,428</b>	<b>266,448</b>
33. Highway, road and street construction (includes grading, scraping, oiling, filling) - Grandes routes, chemins et rues (terrassment, nivellement, épandage d'huile et remblayage)	172,312	42,919	215,231	189,664	47,703	237,367	200,934	57,246	258,180
34. Parking lots - Terrains de stationnement	3,282	315	3,597	1,769	175	1,944	708	468	1,176
36. Sidewalks, paths - Trottoirs, allées	2,726	451	3,177	3,047	353	3,400	1,932	384	2,316
37. Aerodromes, landing fields, runways, tarmac - Aéroports, terrains d'atterrissage, pistes d'envol, aires de débarquement	3,661	262	3,923	3,514	180	3,694	4,446	330	4,776
<b>Waterworks and sewage systems - Canalisations et systèmes d'égouts</b>	<b>66,296</b>	<b>7,369</b>	<b>73,665</b>	<b>85,775</b>	<b>9,659</b>	<b>95,434</b>	<b>77,981</b>	<b>10,139</b>	<b>88,120</b>
38. Tile drains, drainage ditches, storm sewers - Drains, fossés de drainage, égouts pluviaux	5,688	2,284	7,972	11,528	2,616	14,144	9,447	2,748	12,195
39. Water mains, hydrants and services - Conduites principales, bouches d'incendie et conduites de branchement	19,507	2,918	22,425	19,590	4,363	23,953	17,318	4,473	21,791
40. Sewage systems and connections - Systèmes d'égouts et embranchements	34,582	1,570	36,152	51,745	2,077	53,822	49,110	2,450	51,560
41. Pumping stations, water <sup>10</sup> - Stations de pompage (eau) <sup>10</sup>	5,054	522	5,576	2,500	479	2,979	1,556	395	1,951
42. Water storage tanks <sup>10</sup> - Réservoirs (eau) <sup>10</sup>	1,465	75	1,540	412	124	536	550	73	623
<b>Dams and irrigation - Barrage et irrigation</b>	<b>6,032</b>	<b>189</b>	<b>6,221</b>	<b>7,145</b>	<b>268</b>	<b>7,413</b>	<b>5,649</b>	<b>258</b>	<b>5,907</b>
43. Dams and reservoirs - Barrages et barrages-réservoirs	5,715	115	5,830	3,674	96	3,770	4,936	62	4,998
44. Irrigation and land reclamation projects - Irrigation et mise en valeur des terres	317	74	391	3,471	172	3,643	713	196	909
<b>Electric power construction - Réseaux électriques</b>	<b>168,839</b>	<b>14,497</b>	<b>183,336</b>	<b>173,773</b>	<b>14,229</b>	<b>188,002</b>	<b>241,494</b>	<b>15,644</b>	<b>257,138</b>
45. Electric power generating plants, including water conveying and controlling structures - Centrales électriques (y compris les conduites d'eau et les dispositifs derégularisation)	107,125	3,955	111,080	109,878	4,053	113,931	149,599	4,820	154,419
46. Electric transformer stations - Postes de transformation	842	227	1,069	449	16	465	509	93	602
47. Power transmission and distribution lines, trolley wires - Lignes de transport et de distribution, caténaires	59,249	9,765	69,014	62,059	9,713	71,772	89,514	10,392	99,906
48. Street lighting - Éclairage (rues)	1,623	550	2,173	1,387	447	1,834	1,872	339	2,211
<b>Railway, telephone and telegraph - Voies ferrées, lignes téléphoniques et télégraphiques</b>	<b>95,529</b>	<b>27,420</b>	<b>122,949</b>	<b>114,973</b>	<b>34,429</b>	<b>149,402</b>	<b>117,680</b>	<b>36,751</b>	<b>154,431</b>
49. Railway tracks and roadbeds - Rails et chaussées	63,193	19,200	82,393	73,758	25,426	99,184	73,527	26,941	100,468
50. Signals and interlockers - Signaux et dispositifs d'enclenchement	1,157	1,855	3,012	1,081	1,363	2,444	1,491	1,500	2,991
51. Telegraph and telephone lines, underground and marine cables - Lignes de télégraphe et de téléphone, câbles souterrains et sous-marins	31,179	6,365	37,544	40,134	7,640	47,774	42,662	8,310	50,972
<b>Gas and oil facilities - Installations de gaz et de pétrole</b>	<b>245,517</b>	<b>11,112</b>	<b>256,629</b>	<b>249,500</b>	<b>14,194</b>	<b>263,694</b>	<b>260,923</b>	<b>16,017</b>	<b>276,940</b>
52. Gas mains and services - Conduites principales et conduites de branchement (gaz)	9,018	1,510	10,528	8,474	1,523	9,997	13,231	1,610	14,841
53. Pumping stations, oil - Stations de pompage (pétrole)	3,451	1,014	4,465	1,352	1,092	2,444	2,160	1,421	3,581
54. Pumping stations, gas - Stations de pompage (gaz)	4,255	4	4,259	7,721	1,109	8,830	2,503	1,296	3,799
55. Oil storage tanks - Réservoirs (pétrole)	1,712	362	2,074	1,776	240	2,016	1,975	315	2,290
56. Gas storage tanks - Réservoirs (gaz)	288	-	288	951	18	969	214	101	315
57. Oil pipe lines - Pipe-lines (pétrole)	108	342	450	30	287	317	40	321	361
58. Gas pipe lines - Pipe-lines (gaz)	94,558	161	94,719	38,036	139	38,175	3,601	147	3,748
59. Oil and gas wells - Puits de pétrole et de gaz	121,953	4,357	126,310	183,677	4,933	188,610	222,959	5,077	228,036
61. Oil refinery - Processing units - Raffineries de pétrole - Installations de traitement	7,993	3,107	11,100	7,328	3,886	11,214	14,211	4,679	18,890
62. Natural gas processing plants <sup>10</sup> - Usines d'épuration de gaz naturel <sup>10</sup>	2,181	255	2,436	155	967	1,122	29	1,050	1,079
<b>Other engineering construction - Autres travaux de génie</b>	<b>165,397</b>	<b>12,785</b>	<b>178,182</b>	<b>133,084</b>	<b>12,942</b>	<b>146,026</b>	<b>110,512</b>	<b>13,532</b>	<b>124,044</b>
63. Bridges, trestles, culverts, overpasses, viaducts - Ponts, chevalets, ponceaux, voies supérieures, viaducs	32,501	4,422	36,923	23,607	4,921	28,528	27,434	5,339	32,773
64. Tunnels and subways - Tunnels et voies souterraines	110	-	110	982	-	982	1,221	-	1,221
65. Incinerators - Incinérateurs	16	189	205	1,231	24	1,255	584	77	661
66. Park systems, landscaping, sodding, etc. - Parcs, aménagement paysager, gazonnement, etc.	4,711	1,821	6,532	7,082	2,124	9,206	6,381	2,237	8,618
67. Swimming pools, tennis courts, outdoor recreation facilities - Piscines, courts de tennis, installations récréatives extérieures	1,543	325	1,868	3,577	849	4,426	4,132	393	4,525
68. Mine shafts and other below surface workings - Puits de mine et autres ouvrages souterrains	56,896	693	57,589	53,023	575	53,598	41,107	553	41,660
69. Fences, snowsheds, signs, guard rails - Clôtures, abris à neige, enseignes, garde-fous	1,049	1,211	2,260	1,342	499	1,841	1,416	489	1,905
70. Other engineering construction <sup>10</sup> - Autres travaux de génie <sup>10</sup>	68,571	4,124	72,695	42,240	3,950	46,190	28,237	4,444	32,681

## STATISTICAL NOTES

### Sources

The statistics presented in this report are based on information received from organizations and individuals paying for the work done and on information received from contractors performing the work.

The data on the value of construction by type of structure is the result of two separate surveys:

- (a) The capital expenditures survey which obtains information from business firms, institutions and government-owned enterprises;
- (b) the construction survey of government departments which provides much of the remainder.

In both these surveys respondents report their total expenditures on new and repair construction, by type of structure, additional to a breakdown of these totals into value of work done by contract and by own labour force.

The data on labour and materials input are based on the survey of contractors and sub-contractors and on the censuses of mechanical and electrical trade contractors, highway, road, bridge, and non-residential general contractors.

Respondents report volume of work performed and its input components, as well as further data on type of work, labour force, and capital expenditures.

### Methods and Coverage

(i) Of the total value of construction shown, about 79.5% was reported in **capital spending surveys** of business firms, institutions, government enterprises and departments and residential building activity. The remainder is estimated.

A brief outline of the methods employed to make these estimates is given in the following paragraphs. For a more complete description of these methods, see page 24 of the report *Private and Public Investment in Canada, Outlook 1973*.

To approximate full coverage adjustments are made to the surveyed data to allow for non-reporting firms.

## RENSEIGNEMENTS STATISTIQUES

### Sources

Les statistiques publiées ici sont fondées sur les renseignements obtenus d'organismes ou de particuliers qui ont défrayé le coût des travaux exécutés et sur les renseignements recueillis auprès des entrepreneurs qui ont exécuté les travaux.

Les données sur le montant des travaux selon la nature des constructions sont tirées de deux enquêtes:

- (a) l'enquête sur les immobilisations qui porte sur les entreprises commerciales, les établissements publics et les entreprises publiques;
- (b) l'enquête sur la construction menée auprès des administrations publiques.

Dans les deux cas, les enquêtés doivent déclarer le montant total des travaux, selon la nature des travaux et selon la construction neuve et les réparations; ils doivent de plus ventiler ces totaux en fonction de la valeur des travaux exécutés sous contrat et de la valeur des travaux effectués par leur propre main-d'oeuvre.

Les données sur la main-d'oeuvre et les matériaux utilisés sont tirées d'une enquête menée auprès des entrepreneurs et des sous-traitants et des recensements effectués auprès d'entrepreneurs spécialisés des domaines de la mécanique de l'électricité et des entrepreneurs généraux dans les travaux de grandes routes, rues, chemins et ponts et dans la construction de bâtiments non-résidentiels.

Les enquêtés doivent enfin donner des renseignements sur le volume des travaux exécutés, les moyens mis en oeuvre, le genre de construction, la main-d'oeuvre et les immobilisations.

### Méthodes et champ d'enquête

(i) Il est établi que 79.5 % de la valeur totale de la construction indiquée dans le bulletin a été déclarée dans le cadre des enquêtes sur les **dépenses en immobilisation** des entreprises commerciales, des établissements publics, des entreprises publiques, des administrations publiques et du secteur de la construction résidentielle. Le reste a été évalué.

Nous donnons ci-après un bref aperçu des méthodes utilisées dans ce travail d'estimation. On trouvera à la page 24 du bulletin *Investissements privés et publics au Canada, perspectives de 1973* une explication plus complète de ces méthodes.

Des ajustements sont apportés aux données recueillies lors de l'enquête, afin de corriger les biais que pourraient entraîner les cas de non-réponse et de donner une plus grande portée à l'enquête.



In manufacturing, the method used to inflate the reported expenditures was to multiply the known expenditures by a factor obtained by dividing the total value of shipments for the most recent year available of all the firms in each industry by the corresponding total for the firms reporting in the current surveys. The use of shipments as related indicator provides a framework of analysis in the estimation procedures to take account of relevant industry characteristics such as the size of firms. In the utilities, trade, finance and institutional and commercial services sectors the same principle has been followed using appropriate basic data for the sector concerned. Expenditures reported by establishments for which no production or other basic data are available are included as "net additions". It is believed that the estimating procedures for non-reporting firms and the sectors not covered by direct survey do not introduce any great margin of error into the total.

The large sample size reduces the standard error of estimate, which will vary for specific structures, regions and industries depending on individual coverage.

Both the 1972 preliminary actual expenditures and the 1973 forecast expenditures were reported by business establishments on the same questionnaire form. With the reported figures covering both years coming from the same group of establishments and with the estimating techniques for non-reporting firms the same for each year, the percentage change from 1972 to 1973 can be calculated with more accuracy than the absolute magnitude of expenditures in the two years.

The data on 1973 construction expenditures are aggregates of the intentions of the individual respondents. These estimates are therefore subject to different realization caused by several internal and external factors such as business outlook, government policy, price trends, strikes and shortages.

Finally, the capital expenditure surveys provide own account data.

(ii) The **contractor surveys** provide the ratios on which labour and materials content calculations are based. In volume terms coverage in the 1971 contractor survey was 53.3%.

Number of employees are arrived at by dividing the labour content by annual average wage rates which were projected from 1963 contractor survey data.

Dans le cas de l'industrie manufacturière, la méthode utilisée pour gonfler les dépenses déclarées consiste à multiplier les dépenses connues par un facteur obtenu en divisant la valeur totale des livraisons de l'année la plus récente, pour les entreprises appartenant à une même branche d'activité, par le total correspondant des entreprises qui ont répondu au questionnaire de l'enquête courante. Les livraisons sont en effet un indicateur qui constitue un cadre d'analyse des méthodes d'évaluation propre à tenir compte des caractéristiques de chaque branche d'activité (la taille des entreprises, par exemple). On a appliqué le même principe pour les services d'utilité publique, le commerce, les finances, les établissements publics et les services commerciaux. Les dépenses déclarées par des établissements pour lesquels nous n'avions pas de données sur la production ni aucun autre renseignement fondamental sont considérées comme "additions nettes". Nous estimons que les méthodes d'évaluation appliquées aux entreprises qui n'ont pas répondu au questionnaire, ainsi qu'aux secteurs qui ne sont pas touchés directement par une enquête directe, n'introduisent pas de marge d'erreur importante dans le total.

La taille de l'échantillon tend à réduire l'erreur d'estimation type; cette dernière peut d'ailleurs varier en fonction de la nature des constructions, des régions et des industries, selon les renseignements obtenus de chaque enquête.

Les entreprises observées ont déclaré sur le même questionnaire, leurs dépenses réelles, à titre provisoire, pour 1972, ainsi que leurs prévisions pour 1973. Comme les chiffres déclarés proviennent du même groupe d'établissements, qu'ils portent sur deux années et qu'on utilise chaque année les mêmes méthodes d'évaluation pour les établissements qui n'ont pas répondu au questionnaire, la variation en pourcentage entre 1972 et 1973 peut se calculer avec plus de précision que le chiffre absolu des dépenses pour ces deux années.

Les données sur les coûts de construction de 1973 représentent la somme totale des projets de construction de chaque enquête. Elles peuvent être modifiées selon les éventualités, par ex.: les perspectives commerciales, les politiques de l'État, la tendance des prix, les grèves et la pénurie de matériaux.

En dernier lieu, les enquêtes sur les immobilisations servent à recueillir des données sur le "propre compte".

(ii) Les **enquêtes sur les entrepreneurs** permettent d'établir des ratios sur lesquels on fonde les calculs relatifs à la main-d'oeuvre et aux matériaux. L'enquête de 1971 portait sur 53.3 % des entrepreneurs.

Le calcul des effectifs se fait en divisant la partie main-d'oeuvre des dépenses par les taux de salaire annuel moyens qui furent projetés à partir des données de l'enquête de 1963 sur les entrepreneurs.



Data on labour value are understated for the years 1972 and 1973 since ratio of labour content in the survey year was not adjusted to reflect wage increases, this also has a lowering effect on the man years figure.

(iii) **Housing estimates** were made on a different basis from those derived from information submitted directly by business or government. For 1971 and 1972, estimates of the volume of residential construction were prepared on the basis of results from surveys conducted by the Central Mortgage and Housing Corporation and the value estimates were prepared by Statistics Canada. These value estimates were calculated by means of a very sensitive methodology based on the duration of construction and monthly measures of work put in place. Appraisals of the probable volume of housing construction in 1973 were made by field representatives of the Corporation who consulted local officials, builders, contractors, supply firms, and other individuals and firms concerned with future housing construction projects. Using information obtained from these sources and their own knowledge, the representatives of the Corporation made estimates of private and government initiated housing for all municipalities in Canada with a population of 10,000 and over. The five regional offices and the head office of the Corporation checked these estimates. Independent estimates were made of housing in areas of less than 10,000 population. Finally, an allowance was made for conversions which amounted to a small part of the total. Allowing for probable changes in construction costs, estimates were then prepared for the value of construction work carried over from 1972, and the value of work expected to be undertaken in 1973.

Les données sur la rémunération et sur les effectifs en années-hommes pour 1972 et 1973 sont inférieures à la réalité en raison du fait que le contenu en main-d'oeuvre de l'année observée n'a pas été corrigé de façon à refléter les augmentations de salaire.

(iii) Pour l'**habitation**, les estimations n'ont pas été établies sur la même base que celles qui découlent des renseignements fournis directement par les entreprises ou les pouvoirs publics. En 1971 et 1972, elles ont été calculés d'après les résultats des enquêtes menées par la Société centrale d'hypothèques et de logement; c'est Statistique Canada qui a fait ces estimations au moyen d'une méthodologie très complexe fondée sur la durée des travaux et sur les réalisations mensuelles. En 1973, des estimations du montant probable des travaux de construction résidentielle ont été faites par des représentants sur place de la Société qui ont consulté les administrateurs locaux, les constructeurs, les entrepreneurs, les fournisseurs de matériaux, et d'autres particuliers ou sociétés intéressés. Grâce aux renseignements ainsi obtenus et à leurs propres connaissances, les représentants de la Société ont fait des prévisions sur l'habitation privée et sociale dans toutes les municipalités du Canada de 10,000 habitants et plus. Les cinq bureaux régionaux et le bureau central de la Société ont vérifié leurs estimations. Dans les régions de moins de 10,000 habitants, le logement a fait l'objet d'estimations distinctes. Enfin, il a été tenu compte des conversions, qui représentaient une faible partie du total. En tenant compte de l'évolution probable des coûts de la construction, on a pu alors estimer la valeur des travaux reportés de 1972, et celle des mises en chantier envisagées pour 1973.

## FOOTNOTES — RENVois

<sup>1</sup> Actual expenditures 1964-1971, preliminary actual 1972, intentions 1973. — Dépenses réelles en 1964-1971, dépenses réelles provisoires en 1972 et dépenses projetées en 1973.

<sup>2</sup> In the Statistics Canada report *Private and Public Investment in Canada*, the total value of construction work performed is given as \$15,862 millions for 1971, \$17,028 millions for 1972, and \$18,057 millions for 1973. The differences with values in this report are due to rounding procedures. — Dans le bulletin de Statistique Canada intitulé *Investissements privés et publics au Canada*, la valeur globale des travaux de construction est de \$15,862 millions en 1971, \$17,028 millions en 1972 et \$18,057 millions en 1973; cette différence est attribuable au fait que les chiffres ont été arrondis.

<sup>3</sup> Data for 1964-1967 are not directly comparable with data published for years previous to 1961 due to minor revisions in the mining and residential sectors. — On ne peut pas comparer directement les données pour 1964 à 1967 avec les chiffres publiés avant 1961 à cause des corrections d'ordre mineur qui ont été apportées aux secteurs miniers et résidentiels.

<sup>4</sup> Table from *Private and Public Investment in Canada, Outlook 1973*. — Tableau tiré de *Investissements privés et publics au Canada, perspectives de 1973*.

<sup>5</sup> Estimates for metal and non-metal mining were increased for 1967 and subsequent years following the introduction of a new survey questionnaire and the resultant collection of more complete supplementary data on development and on property exploration by mining companies in production, those preparing for production and exploration companies. — Les estimations relatives à l'extraction du minéral métallique et non métallique pour 1967 et les années subséquentes ont été majorées; l'utilisation d'un nouveau questionnaire d'enquête nous a en effet permis de recueillir des données supplémentaires plus complètes des dépenses d'exploration des sociétés minières en activité ou en voie de production, ainsi que des sociétés d'exploration.

<sup>6</sup> Beginning in 1969, outlays by municipalities on water systems, previously included with "utilities", are now included with "municipal government departments". — À compter de 1969, les dépenses des services des eaux municipaux, qui étaient auparavant englobées dans les "services d'utilité publiques", sont incluses dans "administrations municipales".

<sup>7</sup> The use of a special survey questionnaire for petroleum and natural gas industry resulted in re-allocations of structure data after 1964. — L'utilisation d'un questionnaire spécial d'enquête pour l'industrie de pétrole et de gaz naturel nous a permis de les regrouper dans des nouvelles catégories de construction après 1964.

<sup>8</sup> Data for government departments include data for departmental crown corporations and exclude data for proprietary crown corporations which are all classified to other industries. Agency crown corporations, on the other hand, are provisionally classified in part to other industries and the remainder to government departments. — Les données provenant des ministères gouvernementaux comprennent aussi celles des corporations de la couronne de département tandis que les données des corporations de la Couronne de propriétaire sont comprises avec les autres entreprises. Par contre, une partie des corporations de la Couronne de mandataire sont temporairement classées comme entreprises et le reste sont rangées sous "administrations fédérales".

<sup>9</sup> Represents work done by the labour force of utilities, government departments and other employees not primarily engaged in the construction industry. Beginning in 1969, materials supplied free of charge to contractors by project owners (previously included in "contract construction") are included in other construction. — Comprend les travaux effectués par la main-d'oeuvre des Services d'utilité publique, des ministères gouvernementaux et d'autres employeurs qui n'appartiennent pas à l'industrie de la construction. À partir de 1969 la valeur des matériaux de construction fournis gratuitement aux entrepreneurs par les propriétaires des projets de construction (antérieurement incluse dans "construction sous contrat") est comprise dans "autre construction".

<sup>10</sup> "Other building", and "other engineering," items 25 and 70 respectively, contain structures which would not be published in their specific categories due to the secrecy provisions of the Statistics Act. — Les postes 25 (autres bâtiments) et 70 (autres travaux de génie) comprennent des constructions qui ne peuvent être rangées dans leurs catégories propres en vertu des dispositions de la Loi sur la statistique relatives au secret.

<sup>11</sup> Beginning in 1969, several changes were made to the format for publishing expenditures by structural item. A new classification, item 24, "laboratories" was segregated. This structural item was previously included in item 25, "other building construction". "Electric power dams", previously grouped in item 43, are included in item 45, "electric power generating plants". Highway, road and street construction, previously items 32, 33, 34 and 35 were grouped into one category. Item 34, "Parking lots", previously included as part of the same items, was separated. "Oil wells" and "gas wells", previously items 59 and 60, were combined into one category, item 59 "oil and gas wells". — À compter de 1969, certaines modifications apportées à ce bulletin ont permis de faire une nouvelle répartition des dépenses de construction. En effet, une nouvelle classification, poste 24 "laboratoires", qui étaient auparavant inclus avec le poste 25



FOOTNOTES – RENVOIS – Concluded

“autres bâtiments”, sont depuis cette date publiés séparément; “barrages pour réseaux électriques”, auparavant compris avec le poste 43, sont inclus maintenant dans le poste 45, “centrales électriques”. Les dépenses pour la construction de grandes routes, chemins et rues auparavant réparties entre les postes 32, 33, 34 et 35 ont été groupées dans une seule catégorie. Soit le poste 34, “terrains de stationnement”, inclus antérieurement avec ces derniers postes, ont été rangés par eux-mêmes. “Puits de pétrole” et “puits de gaz”, auparavant les postes 59 et 60, ont été regroupés dans un seul poste, soit le poste 59 “Puits de pétrole et de gaz”.

<sup>12</sup> Item 46, “electric transformer stations”, formerly considered to be construction, is now considered to be an item of machinery and equipment in the electric power sub-sector of utilities. – Le poste 46, “postes de transformation”, auparavant reconnus comme travaux de construction, sont maintenant reconnus comme étant des articles de machinerie et d’outillage avec les réseaux électriques, sous-secteur d’utilité publique.

<sup>13</sup> British Columbia includes Northwest Territories and Yukon. – La Colombie-Britannique comprend également le Yukon et les Territoires du Nord-Ouest.

<sup>14</sup> Number of employees is given in equivalent man-years. – Le nombre d’employés est rapporté sur une base comparable de hommes-années.

<sup>15</sup> “Miscellaneous” consists of construction work done by firms not primarily engaged in the construction industry, i.e., the construction labour forces of the primary (except construction), manufacturing, trade, finance, commercial, residential and institutional sectors. – “Divers” comprend les travaux de construction exécutés par des entreprises qui n’exercent pas principalement de telles fonctions, i.e., les travaux de construction effectués par la main-d’œuvre des industries primaires (sauf l’industrie de la construction), manufacturières, de commerce, finances et services commerciaux, résidentielles et services institutionnels.

<sup>16</sup> Primary industries include agriculture, fishing, mining, forestry and the construction industry. – Les industries primaires comprennent l’agriculture, la pêche, les mines, l’exploitation forestière et l’industrie de la construction.

<sup>17</sup> The capital construction expenditures for mines include outlays for on-property exploration and development. – Les immobilisations en construction pour les mines comprennent les dépenses d’exploration sur les propriétés.

<sup>18</sup> The outlays for the Ontario Water Resources Commission are included with provincial government departments beginning with the 1972 preliminary actual. These expenditures were previously included in the utilities sector. – Commençant avec les dépenses réelles provisoires de 1972, les immobilisations de l’“Ontario Water Resources Commission” sont comptées au titre des ministères provinciaux. Ces dépenses étaient auparavant comprises avec le secteur d’utilités publiques.

<sup>19</sup> Beginning with the 1972 Preliminary Actual data, an estimate was included for municipal services installed and financed by residential developers before being turned over to the municipal governments. The figures for previous years will be revised when more complete data are available. – Commençant avec les dépenses réelles provisoires de 1972, les données comprennent une estimation pour services municipaux installés et financés par les exploitants domiciliaires avant qu’ils soient retournés aux gouvernements municipaux. Les chiffres pour les années précédentes seront révisés lorsque des données plus complètes seront disponibles.

<sup>20</sup> A marginal adjustment is made in the estimates for the year 1972 to allow for a downward bias in the preliminary results indicated in past years. – Un ajustement marginal est apporté aux évaluations de 1972 afin d’allouer pour un biais à la baisse des résultats préliminaires rencontrés dans les années passées.

<sup>21</sup> Certain data have been revised to reflect revisions to the National Income and Expenditure Accounts. – Certaines données ont été révisées afin de démontrer des modifications apportées aux comptes nationaux de revenus et de dépenses.



Please detach and mail  
your comments to:  
Construction Division,  
Statistics Canada,  
Ottawa, Ontario,  
K1A 0Z6

## YOUR COMMENTS

### CONSTRUCTION IN CANADA, 1971

The statistical data in this publication are prepared to meet the requirements of a broad range of different uses. In order to better service user requirements in the selection and presentation of statistical tables, your answers to the following questions would be appreciated:

(Please attach notes if space for answers below is insufficient)

1. (a) What was the nature of research or studies for which these statistics were used (e.g. market analysis, internal cost and profit analysis, labour series, etc.).

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- (b) Are these studies: ☐ Continuing (e.g. time series)? ☐ Occasional?

2. Briefly describe the terms of reference and objectives of the above studies.

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3. (a) Were the statistics in this publication able to satisfy all of the above study requirements in regard to this industry?

☐ Yes ☐ No

- (b) If "no", what additional statistical information would have been useful for purposes of these studies?

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- (c) What other statistical information about the Construction Industry (not presently published) do you feel would be of general use or interest to users?

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4. What changes in the format and style of this publication do you feel would make it more readily usable?

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Name: \_\_\_\_\_ Occupation: \_\_\_\_\_

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Veuillez détacher et envoyer vos  
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Division de la construction,  
Statistique Canada,  
Ottawa (Ontario),  
K1A 0Z6

## VOS COMMENTAIRES

### LA CONSTRUCTION AU CANADA, 1971

Les données statistiques comprises dans cette publication ont été préparées en vue d'une utilisation multiple et variée. Afin de mieux pouvoir répondre aux besoins des utilisateurs (par une révision constante du choix et de la présentation de tableaux statistiques appropriés), nous vous saurions gré de répondre aux questions suivantes:

(Si l'espace fourni ne suffit pas, veuillez ajouter d'autres feuilles)

1. (a) Quelle était la nature des recherches ou des études pour lesquelles ces données statistiques ont été utilisées (ex.: analyse de marché, analyse des frais d'exploitation et des bénéfices, série sur la population active, etc.)

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- (b) Ces études sont-elles: ☐ Continues (ex. séries chronologiques)? ☐ Occasionnelles?

2. Indiquez brièvement le cadre de référence et les objectifs des études susmentionnées.

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3. (a) Les données fournies dans cette publication ont-elles pu satisfaire à tous les besoins de l'étude susmentionnée, pour l'industrie en cause?

☐ Oui ☐ Non

- (b) Si la réponse est négative, quels renseignements statistiques supplémentaires auraient été utiles aux fins de ces études?

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- (c) Selon vous, quels autres renseignements statistiques (non publiés actuellement) concernant l'industrie de la construction pourraient être d'utilité ou d'intérêt général pour les utilisateurs?

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4. Selon vous, quels changements devrait-on apporter à la présentation et au style de cette publication pour en faciliter la consultation?

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